Parrs Wood

Parrs Wood Ln, East Didsbury, Manchester M20 5NP

P01
ISSUE

Thermal comfort assessment
Approved Document O

CONSOLUX

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This document requires the following approvals.
Signed approval forms are filed in the Management section of the project files.

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Executive summary

Consolux M&E Consulting Ltd have been appointed to undertake an overheating analysis of Parrs Wood scheme to provide guidance and maximise occupant comfort levels and validating compliance with Approved Document O criteria, aiming to minimise overheating risk through a heat-gain reduction strategy. The assessment covers the Parrs Wood Ln, East Didsbury, Manchester M20 5NP. The analysis focuses on ensuring that all bedrooms and living-kitchen-dining rooms across the building, spanning four levels, meet the Approved document O criteria for overheating. The model was created based on the latest architectural drawings to assess potential overheating conditions with the indicated flow rates for each space type, delivered via the MVHR system. The analysis is using IESVE version 2025.1.0.0, with the Manchester_GTW_DSY1_2020High50 weather file and applying internal gains in accordance with CIBSE TM59 guidance. The model also includes passive shading measures, such as shading eaves and projecting balconies.

All windows and glazed doors with sliding openings have been modelled with an effective free area of 90% of the total opening, with the frame area deducted, while top-hung windows are modelled with the same free area and an opening angle limited to 16°. Ventilation assumptions follow Approved Document O, with external openings and internal doors in living rooms operating during daytime hours, and bedroom windows are open all the time, allowing for day-and-night, daytime-only, or permanently closed conditions as appropriate, with internal bedroom doors assumed open during the day. The results indicate that the MVHR system provides sufficient ventilation to control and mitigate the risk of overheating across the building. Table 1 details the specifications of the building fabric proposed for the scheme. The ventilation strategy consists of trickle mode at 0.3 l/s.m2, and purge mode at 1ACH.

Element	Proposed building fabric	Approved document L1	
		Notional building	Limiting values
External walls (cavity)	0.19 W/m^{2}k	0.18 W/m^{2}k	0.26 W/m^{2}k
Ground Floor	0.2 W/m^{2}k	0.13 W/m^{2}k	0.18 W/m^{2}k
Roof	0.13 W/m^{2}k	0.11 W/m^{2}k	0.16 W/m^{2}k
Glazing	1.4 W/m^{2}k G = 0.63	1.2 W/m^{2}k G-value = N/A	1.6 W/m^{2}k G-value = N/A
Air permeability	3.00m^3/ (h.m^2) @50Pa	5.00m^3/ (h.m^2) @50Pa	8.00m^3/ (h.m^2) @50Pa

Table 1 Building Fabric

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1.0 Introduction

1.1 Overview

Consolux M&E Consulting Ltd have been appointed to undertake an Approved Document O analysis of the Parrs Wood scheme to provide design stage guidance and maximise occupant comfort levels. Consequently, thermal modelling has been undertaken to demonstrate compliance against the Approved Document O criteria. The current proposal is to minimise overheating risk by following the Cooling Hierarchy.

This report presents an analytical assessment of the potential overheating risks of the residential areas. The scope of this study is to report upon the likely overheating risk and to assess the periods of the year that the building has the potential to overheat using current CIBSE weather file data.

This assessment complies with national guidance of conservation of fuel and power and all relevant overheating assessment publications, such as CIBSE's TM48, TM52 and TM59 & Approved Document O. The thermal model was created using IESVE, one of the software approved by the UK Government for DSM. Approved Document O 'Design Methodology for the Assessment of Overheating in Homes' provides general guidance on the performance expected of materials and building work to comply with each of the building regulations requirements and shows practical examples and solutions on how to achieve compliance.

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2.0 Project information

The scheme assessed is Parrs Wood, located on Parrs Wood Lane, East Didsbury, Manchester M20 5NP. The development comprises 75 residential apartments arranged over five storeys. The accommodation includes a mix of one-, two- and three-bedroom units, as summarised in Table 2.

	Ground Floor	First Floor	Second Floor	Third Floor	Fourth Floor	Fifth Floor	Total
1-Bedroom		5	5	5	5	5	25
2-Bedroom		8	8	8	8	8	40
3-Bedroom		2	2	2	2	2	10
Total	0	15	15	15	15	15	**75**

Table 2 | Apartment type count by number of bedrooms

This site is bounded by Parrs Wood to the east, Upper Gloucester Road to the south and Buckingham Street to the west. The immediate context of the study area is defined by neighbouring residential buildings along Parrs Wood and the surrounding mixed-use urban setting.

The apartments are arranged with a range of orientations, with primary aspects facing Parrs Wood Lane and Kingsway. The site is bounded by Parrs Wood Lane to the south, the Kingsway dual carriageway to the east, a car parking area to the north, and a railway line to the west. The surrounding context comprises predominantly residential uses, alongside sports and leisure facilities, within a wider mixed-use urban environment.

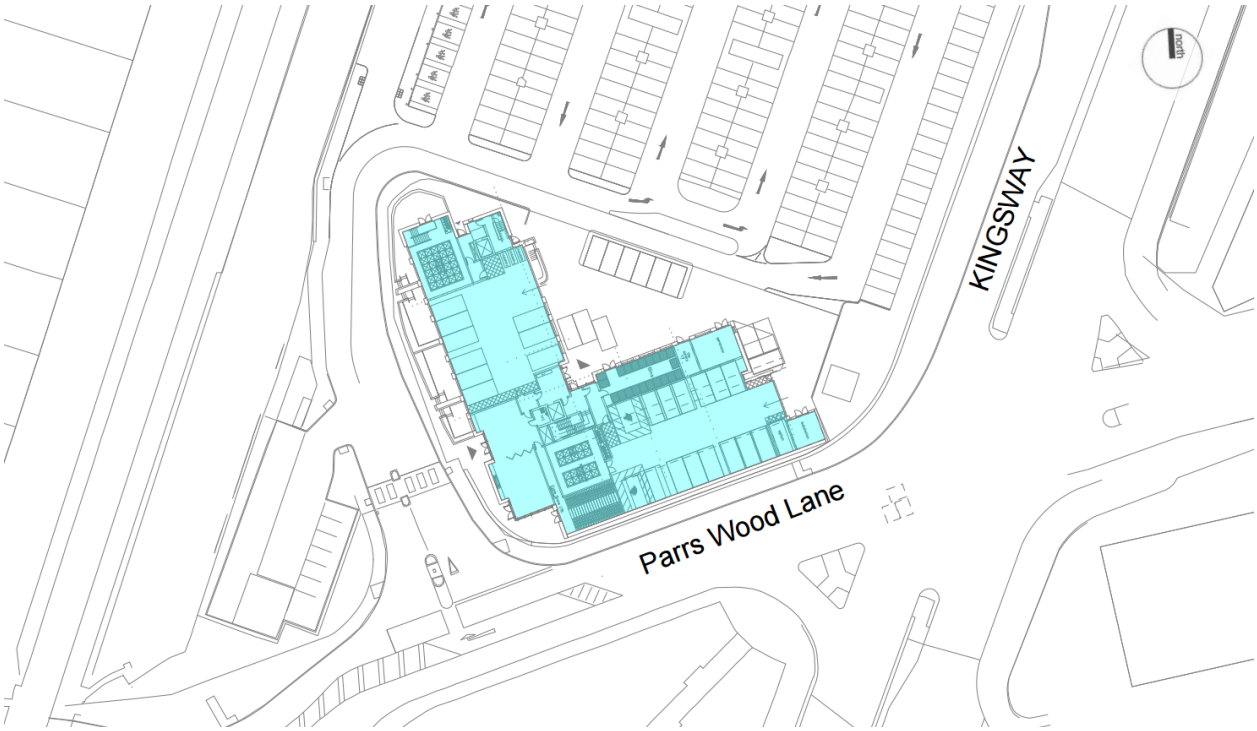


Figure 1 | Site plan and orientation.

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3.0 Legislation & policy context

3.1 CIBSE TM59

According to the CIBSE TM59: 2017 – Design methodology for the assessment of overheating risk in homes, to reduce the risk of overheating the space must comply with the following criteria:

A. Criterion (a): For living rooms, kitchen, and bedrooms: the number of hours during which ΔT is greater than or equal to one degree (K) during the period May to December inclusive shall not be more than 3 per cent of occupied hours (Same as Criterion 1 of TM52).

B. Criterion (b): For bedrooms only: to guarantee comfort during the sleeping hours the operative temperature in the bedroom from 10 pm to 7 am shall not exceed 26 °C for more than 1% of the annual hours (1% of the annual hours between 22:00 and 07:00)

3.2 Approved Document O

According to the Approved Document O, the requirements to reduce the risk of overheating are below:

Reasonable provision must be made in respect of a dwelling, institution or any other building containing one or more rooms for residential purposes, other than a room in a hotel ("residences") to—

A. limit unwanted solar gains in summer,
B. provide an adequate means to remove heat from the indoor environment.

In meeting the obligations in paragraph—

A. account must be taken of the safety of any occupant, and their reasonable enjoyment of the residence; and
B. mechanical cooling may only be used where insufficient heat is capable of being removed from the indoor environment without it.

When windows are required to be closed during the nighttime due to Approved Document O guidelines, they must be closed within the hours of 11pm and 7am.

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4.0 Object of study

This study assesses all the residential units. The spaces assessed are classified as Bedroom, 1-Bed LKD, 2-Bed LKD and 3-Bed LKD (living-kitchen-dining area). Other spaces such as cupboards, bathrooms, corridors, risers, stair cores and lift cores have been modelled for accuracy of the simulation but not assessed.

Conventions
- Bedroom
- 1-Bed LKD
- 2-Bed LKD
- 3-Bed LKD

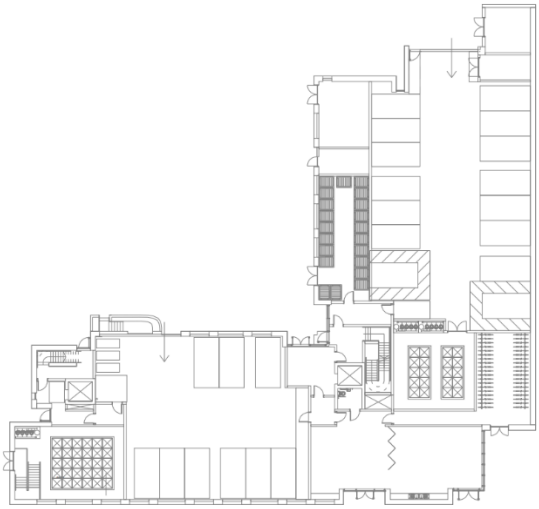


Figure 2 | Ground floor



Figure 3 | 1st floor rooms



Figure 4 | Typical (2nd-4th) floor rooms



Figure 5 | 5th floor rooms

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5.0 Methodology

The methodology applied in this report establishes thermal comfort levels within the occupied spaces of Parrs Wood, using dynamic simulation modelling (DSM). All modelling assumptions, including occupancy, internal gains, ventilation, and setpoints, are provided in the model inputs section of this report. The assessment focuses on all bedrooms, living/kitchen/dining rooms in accordance with Approved Document O guidance. The apartments on the four floors are assessed Approved Document O criteria. Spaces identified as having higher risk of overheating are analysed in detail. Spaces such as cupboards, bathrooms, corridors, risers, stair cores and lift cores are modelled for accuracy of the simulation but not assessed.
In this study MVHR system considered in background mode at 0.3l/s/m^2 with purge ventilation at 2 and 2.5 ACH for all dwelling types.

5.1 Cooling hierarchy

Major development proposals should reduce potential overheating and reliance on air conditioning systems and demonstrate this in accordance with the following cooling hierarchy:

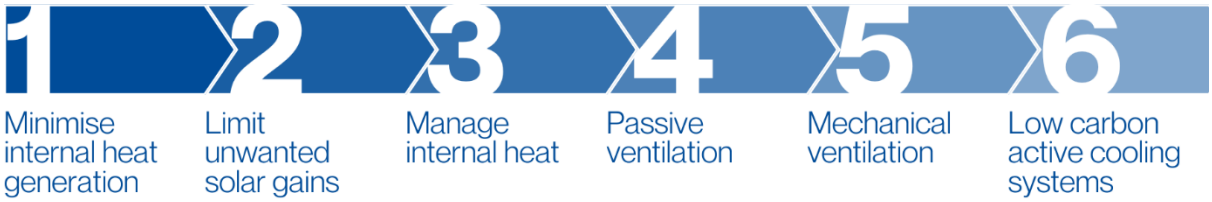


Figure 6 | Cooling hierarchy.

5.2 Internal heat gains

1-bedroom dwelling | Living-Kitchen-Dining					
Gain Source		Project		TM59	
		Load	Period	Load	Period
Lighting		2W/m^2	18:00 – 23:00	2W/m^2	18:00 – 23:00
Equipment		85W	00:00 – 09:00	85W	00:00 – 0900
		110W	09:00 – 18:00	110W	09:00 – 18:00
		450W	18:00 – 20:00	450W	18:00 – 20:00
		200W	20:00 – 22:00	200W	20:00 – 22:00
		110W	22:00 – 00:00	110W	22:00 – 00:00
Occupancy	Sensible	75W/person x 1	09:00 – 22:00 @100%	75W/person x 1	09:00 – 22:00 @100%
	Latent	55W/person x 1		55W/person x 1	

2-bedroom dwelling | Living-Kitchen-Dining					
Gain Source		Project		TM59	
		Load	Period	Load	Period
Lighting		2W/m^2	18:00 – 23:00	2W/m^2	18:00 – 23:00
Equipment		85W	00:00 – 09:00	85W	00:00 – 0900
		110W	09:00 – 18:00	110W	09:00 – 18:00
		450W	18:00 – 20:00	450W	18:00 – 20:00
		200W	20:00 – 22:00	200W	20:00 – 22:00
		110W	22:00 – 00:00	110W	22:00 – 00:00
Occupancy	Sensible	75W/person x 2	09:00 – 22:00 @100%	75W/person x 2	09:00 – 22:00 @100%
	Latent	55W/person x 2		55W/person x 2	

3-bedroom dwelling | Living-Kitchen-Dining					
Gain Source		Project		TM59	
		Load	Period	Load	Period
Lighting		2W/m^2	18:00 – 23:00	2W/m^2	18:00 – 23:00
Equipment		85W	00:00 – 09:00	85W	00:00 – 0900

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		110W	09:00 – 18:00	110W	09:00 – 18:00
		450W	18:00 – 20:00	450W	18:00 – 20:00
		200W	20:00 – 22:00	200W	20:00 – 22:00
		110W	22:00 – 00:00	110W	22:00 – 00:00
Occupancy	Sensible	75W/person x 3	09:00 – 22:00 @100%	75W/person x 3	09:00 – 22:00 @100%
	Latent	55W/person x 3		55W/person x 3	

Double Bedroom					
Gain Source		Project		TM59	
		Load	Period	Load	Period
Lighting		2W/m^2	18:00 – 23:00	2W/m^2	18:00 – 23:00
Equipment		80W	08:00 – 23:00	80W	08:00 – 23:00
		10W	23:00 – 08:00	10W	23:00 – 08:00
Occupancy	Sensible	75W/person x 2	08:00 – 09:00 @100% 09:00 – 22:00 @50%	75W/person x 2	08:00 – 09:00 @100% 09:00 – 22:00 @50%
	Latent	55W/person x 2	22:00 – 23:00 @100% 23:00 – 08:00 @70%	55W/person x 2	22:00 – 23:00 @100% 23:00 – 08:00 @70%

Table 3 | Internal heat gains

5.3 Building fabric

Element	Proposed building fabric	Approved document L1	
		Notional building	Limiting values
External walls (cavity)	0.19 W/m^{2}k	0.18 W/m^{2}k	0.26 W/m^{2}k
Ground Floor	0.2 W/m^{2}k	0.13 W/m^{2}k	0.18 W/m^{2}k
Roof	0.13 W/m^{2}k	0.11 W/m^{2}k	0.16 W/m^{2}k
Glazing	1.4 W/m^{2}k G = 0.63	1.2 W/m^{2}k G-value = N/A	1.6 W/m^{2}k G-value = N/A
Air permeability	3.00m^3/ (h.m^2) @50Pa	5.00m^3/ (h.m^2) @50Pa	8.00m^3/ (h.m^2) @50Pa

Table 4 | Building fabric.

5.4 Shading

A range of architectural shading elements has been incorporated to limit solar heat gains. Projecting balconies, eave projection at fifth floor level and window recess of 125 mm and 225 mm depth, are shown in Figure 7. Location of projecting balconies are also provided on the typical floors and at fifth-floor level, as illustrated in Figure 8. These measures reduce direct solar exposure and contribute to improved summer thermal performance.

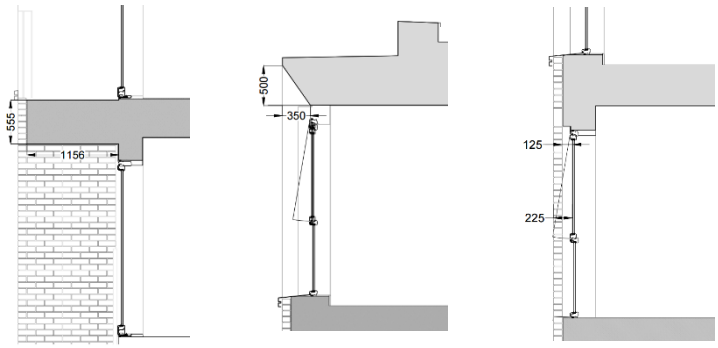


Figure 7 | Projecting balcony at 4th floor (left), shading eave at 5th floor (centre) and shading recess (right).

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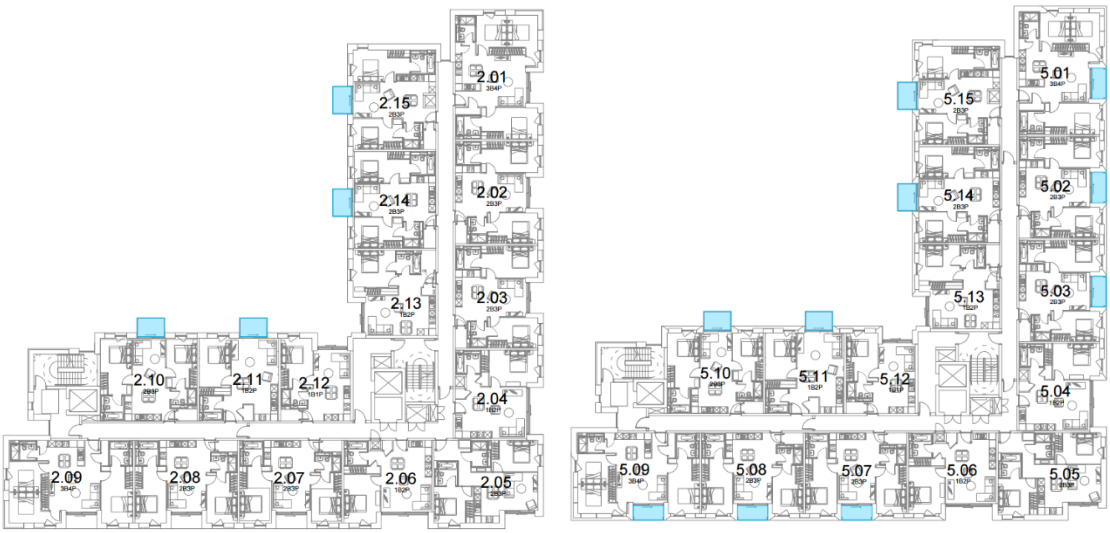


Figure 8 | Projecting balcony on typical floors (left), 5th floor (right)

5.5 Passive ventilation

All habitable rooms in the scheme are set to have access to openable windows. The external openings are set to follow Approved Document O protocols:

- Start to open when the internal temperature exceeds 22°C.
- Be fully open when the internal temperature exceeds 26°C.
- Start to close when the internal temperature falls below 26°C.
- Be fully closed when the internal temperature falls below 22°C.

This is to occur at daytime hours to all internal openings and external openings in living rooms and bedrooms. During night-time hours, the external openings are set to be open in bedrooms when internal temperature exceeds 23°C at 11pm. All other openings to be closed during the night (11pm to 8am).

The location of the windows has been modelled in line with the latest architectural drawings, with sliding windows and glazed doors assumed to open 90 degrees, providing a free area of 90%. And top hung windows with 16 degrees opening and free area of 90%.

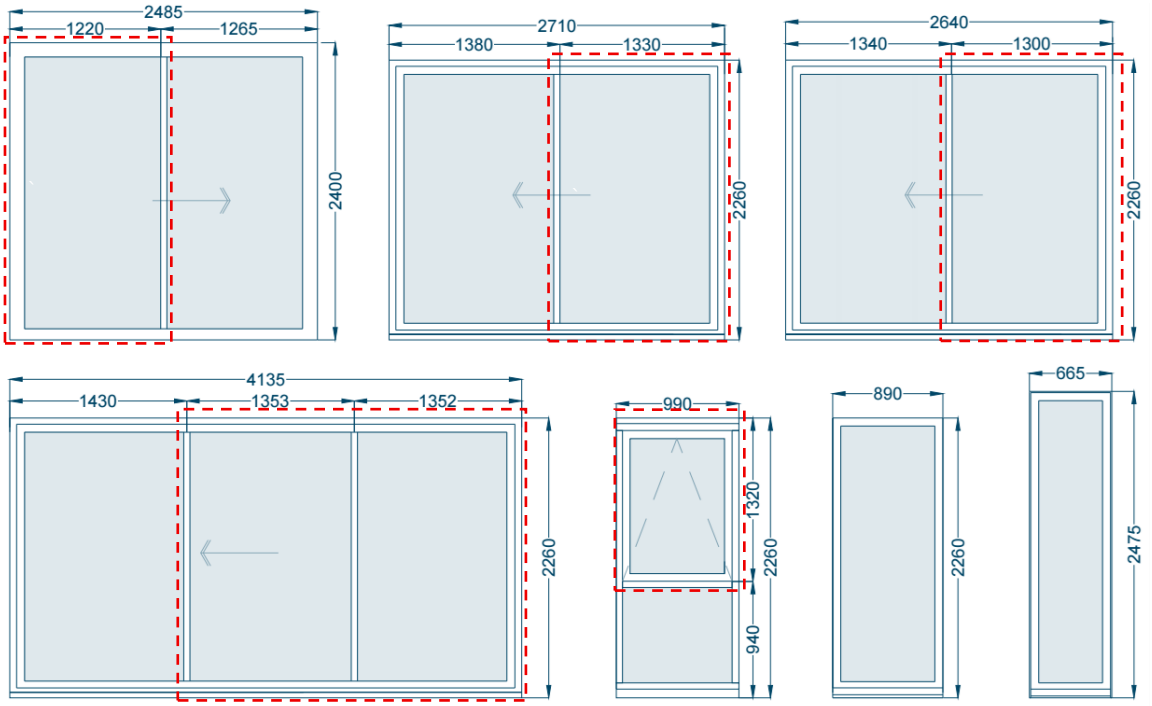


Figure 9 | Dimensions of external windows and doors based on current Architectural drawings.

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- Fixed Windows
- Top Hung - 16-degree opening - open between 8:00 and 23.00
- Sliding - open between 8:00 and 23.00

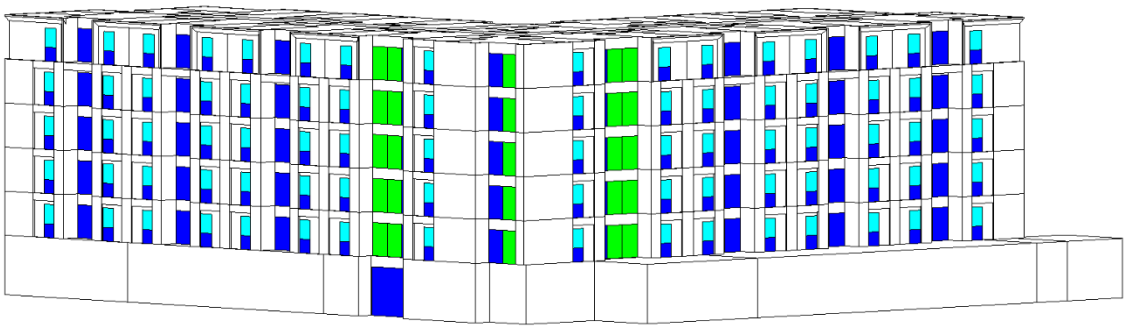


Figure 10 | Northeast view

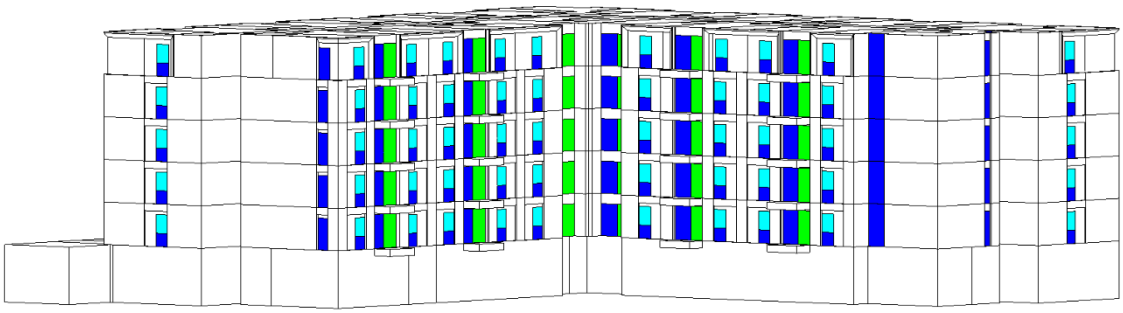


Figure 11 | Southwest view

5.6 Mechanical ventilation

The mechanical ventilation with heat recovery (MVHR) system has been assessed for Part O compliance, providing controlled ventilation and additional filtration of external air to support the overheating assessment. Table below presents the details of the ventilation flow rates.

Units	Room	MVHR Mode	Ventilation rate
All the rest apartments	Bedroom & LKD	Background	0.3l/s/m^2
		Purge	2ACH
Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors	Bedroom & LKD	Background	0.3l/s/m^2
		Purge	2.5ACH

Table 5 | Mechanical Ventilation details

5.7 Acoustic considerations

According to E3P's Noise Impact Assessment (Ref: 50-350-R2, issued 16 December 2025), the site is affected primarily by road traffic noise from Kingsway and Parrs Wood Lane, together with rail and tram movements. The development is located within a mixed-use urban environment, and the assessment demonstrates that certain façades are subject to elevated night-time noise levels, requiring enhanced acoustic mitigation. Consequently, the overheating strategy must assume that bedroom windows are likely to remain closed during sleeping hours, in line with the requirements of Approved Document O

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5.8 Security considerations

No significant security risks have been identified in relation to the proposed window openings. In line with the intended occupancy patterns. Where opening is required, top-hung windows have been specified, with a maximum opening angle of 16 degrees, providing both ventilation and secure operation.

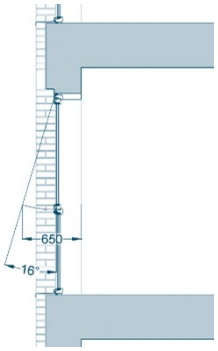


Figure 12 | Top-hung windows with 16-degree maximum opening.

5.9 Modelling software

The thermal comfort assessment was carried out using Dynamic Simulation Modelling, in accordance with the methodology described in CIBSE TM59. The modelling was performed using the IES Virtual Environment suite, a DCLG-approved simulation tool that complies with CIBSE Guide A and meets the dynamic modelling classification under CIBSE AM11 'Building Energy and Environmental Modelling'. A 3D model of the units and their adjacencies was created in ModelIT.

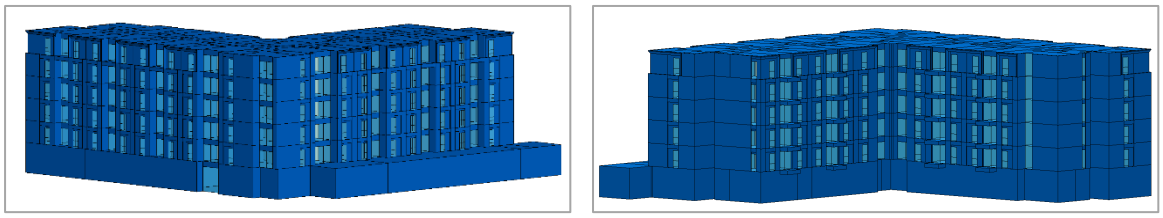


Figure 13 | Model view and arrangement on site . Left: Northeast. Right: Southwest.

5.10 Weather data

The simulation has been conducted on the building, using the Manchester_GTW_DSY1_2020High50.epw weather file, as provided by CIBSE, in accordance with TM59 and Approved Document O requirements.

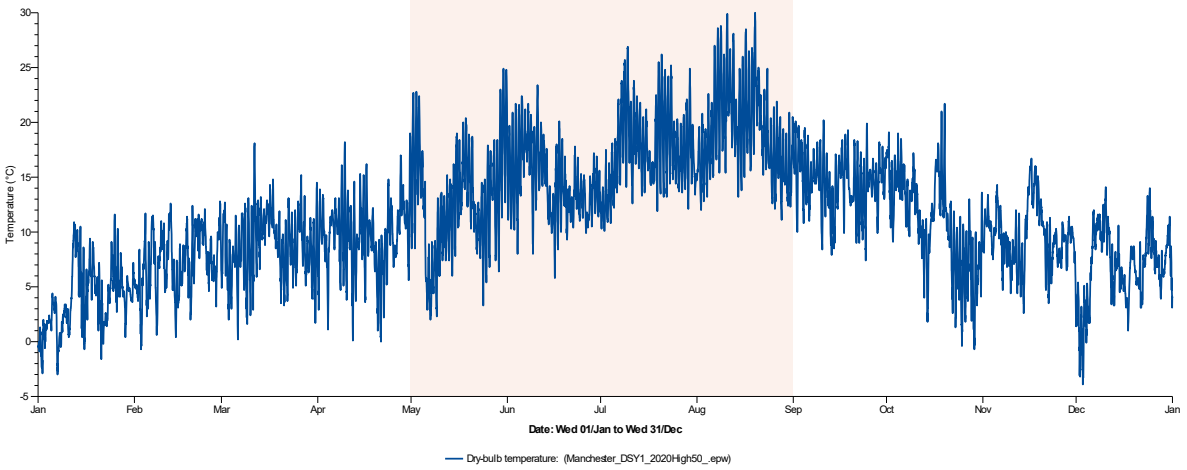


Figure 14 | Dry bulb temperature graph.

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6.0 Results

Approved Document O (ADO) sets out requirements to limit overheating in residential buildings and applies the CIBSE TM59 methodology with additional provisions for ventilation openings. The assessment therefore considers both naturally and mechanically ventilated spaces against the criteria defined in ADO.

Criterion (a): For living rooms, kitchen, and bedrooms: the number of hours during which ΔT is greater than or equal to one degree (K) during the period May to September inclusive shall not be more than 3% of occupied hours (Same as Criterion 1 of TM52).
Criterion (b): For bedrooms only: to guarantee comfort during the sleeping hours the operative temperature in the bedroom from 10 pm to 7 am shall not exceed 26 °C for more than 1% of the annual hours (1% of the annual hours between 22:00 and 07:00).

CIBSE TM59 overheating methodology for predominantly mechanically ventilated rooms states the operative temperature of all rooms shall not exceed 26°C for more than 3% of annual occupied hours.

All bedrooms and living/kitchen/dining spaces meet the Approved Document O overheating criteria under the proposed MVHR system. Apartments 05, 07, 08 and 09 on the 2nd and 3rd floors, and Apartments 07, 08 and 09 on the 4th and 5th floors, achieve compliance where MVHR is modelled with a ventilation rate of 2.5 ACH. Two assessment scenarios are presented below.

Floor	Apt. number	Room type	Scenario 1 : MVHR + 2 ACH Purge				Scenario 2 : MVHR + 2.5 ACH Purge (Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors)			
			Criterion A		Criterion B		Criterion A		Criterion B	
01	01	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	6 h	Pass	0.0%	Pass	6 h
		Bedroom2	Pass	0.1%	Pass	14 h	Pass	0.1%	Pass	14 h
		Bedroom3	Pass	0.1%	Pass	9 h	Pass	0.1%	Pass	9 h
	02	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	9 h	Pass	0.0%	Pass	9 h
		Bedroom2	Pass	0.1%	Pass	14 h	Pass	0.1%	Pass	14 h
	03	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	10 h	Pass	0.0%	Pass	10 h
		Bedroom2	Pass	0.2%	Pass	15 h	Pass	0.2%	Pass	15 h
	04	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom	Pass	0.1%	Pass	10 h	Pass	0.1%	Pass	10 h
	05	LKD	Pass	1.1%	N/A	N/A	Pass	1.1%	N/A	N/A
		Bedroom1	Pass	1.1%	Pass	30 h	Pass	1.1%	Pass	28 h
		Bedroom2	Pass	0.2%	Pass	16 h	Pass	0.2%	Pass	15 h
	06	LKD	Pass	1.9%	N/A	N/A	Pass	1.9%	N/A	N/A
		Bedroom	Pass	0.9%	Pass	24 h	Pass	0.9%	Pass	24 h
	07	LKD	Pass	1.5%	N/A	N/A	Pass	1.5%	N/A	N/A
		Bedroom1	Pass	0.7%	Pass	17 h	Pass	0.7%	Pass	16 h
		Bedroom2	Pass	1.1%	Pass	25 h	Pass	1.0%	Pass	25 h
	08	LKD	Pass	1.5%	N/A	N/A	Pass	1.5%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	17 h	Pass	0.8%	Pass	16 h
		Bedroom2	Pass	1.0%	Pass	24 h	Pass	1.0%	Pass	24 h
	09	LKD	Pass	1.2%	N/A	N/A	Pass	1.2%	N/A	N/A
		Bedroom1	Pass	0.7%	Pass	16 h	Pass	0.6%	Pass	16 h
		Bedroom2	Pass	0.7%	Pass	28 h	Pass	0.7%	Pass	27 h
		Bedroom3	Pass	0.4%	Pass	17 h	Pass	0.4%	Pass	16 h
	10	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	10 h	Pass	0.0%	Pass	10 h
		Bedroom2	Pass	0.0%	Pass	10 h	Pass	0.0%	Pass	10 h
	11	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	5 h	Pass	0.0%	Pass	5 h
	12	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	5 h	Pass	0.0%	Pass	5 h

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Floor	Apt. number	Room type	Scenario 1 : MVHR + 2 ACH Purge				Scenario 2 : MVHR + 2.5 ACH Purge (Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors)			
			Criterion A		Criterion B		Criterion A		Criterion B	
	13	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	4 h	Pass	0.0%	Pass	4 h
	14	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	5 h	Pass	0.0%	Pass	5 h
		Bedroom2	Pass	0.0%	Pass	5 h	Pass	0.0%	Pass	5 h
	15	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	8 h	Pass	0.0%	Pass	8 h
		Bedroom2	Pass	0.0%	Pass	5 h	Pass	0.0%	Pass	5 h
02	01	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	12 h	Pass	0.1%	Pass	12 h
		Bedroom2	Pass	0.3%	Pass	23 h	Pass	0.3%	Pass	23 h
		Bedroom3	Pass	0.2%	Pass	17 h	Pass	0.2%	Pass	17 h
	02	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	16 h	Pass	0.1%	Pass	16 h
		Bedroom2	Pass	0.3%	Pass	22 h	Pass	0.3%	Pass	22 h
	03	LKD	Pass	0.4%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	19 h	Pass	0.0%	Pass	18 h
		Bedroom2	Pass	0.4%	Pass	23 h	Pass	0.4%	Pass	23 h
	04	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom	Pass	0.2%	Pass	18 h	Pass	0.2%	Pass	18 h
	05	LKD	Pass	1.1%	N/A	N/A	Pass	1.0%	N/A	N/A
		Bedroom1	Pass	1.1%	Fail	33 h	Pass	1.1%	Pass	24 h
		Bedroom2	Pass	0.3%	Pass	18 h	Pass	0.3%	Pass	14 h
	06	LKD	Pass	1.9%	N/A	N/A	Pass	1.9%	N/A	N/A
		Bedroom	Pass	1.0%	Pass	26 h	Pass	1.0%	Pass	26 h
	07	LKD	Pass	1.9%	N/A	N/A	Pass	1.7%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	27 h	Pass	0.8%	Pass	19 h
		Bedroom2	Pass	1.3%	Fail	37 h	Pass	1.2%	Pass	26 h
	08	LKD	Pass	1.8%	N/A	N/A	Pass	1.6%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	28 h	Pass	1.0%	Pass	19 h
		Bedroom2	Pass	1.2%	Fail	34 h	Pass	1.1%	Pass	24 h
	09	LKD	Pass	1.4%	N/A	N/A	Pass	1.3%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	28 h	Pass	0.7%	Pass	17 h
		Bedroom2	Pass	1.0%	Fail	45 h	Pass	1.0%	Pass	28 h
		Bedroom3	Pass	0.5%	Pass	29 h	Pass	0.5%	Pass	19 h
	10	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	18 h	Pass	0.0%	Pass	18 h
		Bedroom2	Pass	0.0%	Pass	17 h	Pass	0.0%	Pass	17 h
	11	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	11 h	Pass	0.0%	Pass	11 h
	12	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
	13	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	7 h	Pass	0.0%	Pass	7 h
	14	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	10 h	Pass	0.0%	Pass	10 h
		Bedroom2	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
	15	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	13 h	Pass	0.0%	Pass	13 h
		Bedroom2	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
03	01	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	13 h	Pass	0.1%	Pass	13 h
		Bedroom2	Pass	0.3%	Pass	25 h	Pass	0.3%	Pass	25 h

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Floor	Apt. number	Room type	Scenario 1 : MVHR + 2 ACH Purge				Scenario 2 : MVHR + 2.5 ACH Purge (Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors)			
			Criterion A		Criterion B		Criterion A		Criterion B	
		Bedroom3	Pass	0.2%	Pass	17 h	Pass	0.2%	Pass	17 h
	02	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	18 h	Pass	0.1%	Pass	18 h
		Bedroom2	Pass	0.4%	Pass	23 h	Pass	0.4%	Pass	23 h
	03	LKD	Pass	0.4%	N/A	N/A	Pass	0.4%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	20 h	Pass	0.0%	Pass	20 h
		Bedroom2	Pass	0.4%	Pass	24 h	Pass	0.4%	Pass	24 h
	04	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom	Pass	0.2%	Pass	19 h	Pass	0.2%	Pass	19 h
	05	LKD	Pass	1.1%	N/A	N/A	Pass	1.0%	N/A	N/A
		Bedroom1	Pass	1.1%	Fail	33 h	Pass	1.1%	Pass	24 h
		Bedroom2	Pass	0.3%	Pass	18 h	Pass	0.3%	Pass	14 h
	06	LKD	Pass	2.0%	N/A	N/A	Pass	1.9%	N/A	N/A
		Bedroom	Pass	1.0%	Pass	27 h	Pass	1.0%	Pass	26 h
	07	LKD	Pass	1.9%	N/A	N/A	Pass	1.7%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	30 h	Pass	0.8%	Pass	18 h
		Bedroom2	Pass	1.3%	Fail	38 h	Pass	1.2%	Pass	26 h
	08	LKD	Pass	1.9%	N/A	N/A	Pass	1.6%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	30 h	Pass	1.0%	Pass	18 h
		Bedroom2	Pass	1.2%	Fail	38 h	Pass	1.1%	Pass	24 h
	09	LKD	Pass	1.4%	N/A	N/A	Pass	1.3%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	28 h	Pass	0.7%	Pass	17 h
		Bedroom2	Pass	1.0%	Fail	45 h	Pass	1.0%	Pass	29 h
		Bedroom3	Pass	0.5%	Pass	30 h	Pass	0.5%	Pass	19 h
	10	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	21 h	Pass	0.0%	Pass	19 h
		Bedroom2	Pass	0.0%	Pass	19 h	Pass	0.0%	Pass	19 h
	11	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	13 h
	12	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
	13	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	8 h	Pass	0.0%	Pass	8 h
	14	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
		Bedroom2	Pass	0.0%	Pass	13 h	Pass	0.0%	Pass	13 h
	15	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h
		Bedroom2	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h
04	01	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	12 h	Pass	0.1%	Pass	12 h
		Bedroom2	Pass	0.3%	Pass	25 h	Pass	0.3%	Pass	25 h
		Bedroom3	Pass	0.1%	Pass	17 h	Pass	0.1%	Pass	17 h
	02	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	18 h	Pass	0.1%	Pass	18 h
		Bedroom2	Pass	0.2%	Pass	22 h	Pass	0.2%	Pass	22 h
	03	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	19 h	Pass	0.0%	Pass	19 h
		Bedroom2	Pass	0.3%	Pass	24 h	Pass	0.3%	Pass	24 h
	04	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom	Pass	0.1%	Pass	19 h	Pass	0.1%	Pass	19 h
	05	LKD	Pass	1.0%	N/A	N/A	Pass	1.0%	N/A	N/A
		Bedroom1	Pass	1.1%	Pass	30 h	Pass	1.1%	Pass	30 h

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Floor	Apt. number	Room type	Scenario 1 : MVHR + 2 ACH Purge				Scenario 2 : MVHR + 2.5 ACH Purge (Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors)			
			Criterion A		Criterion B		Criterion A		Criterion B	
		Bedroom2	Pass	0.3%	Pass	18 h	Pass	0.3%	Pass	18 h
	06	LKD	Pass	1.9%	N/A	N/A	Pass	1.9%	N/A	N/A
		Bedroom	Pass	1.0%	Pass	26 h	Pass	1.0%	Pass	26 h
	07	LKD	Pass	1.5%	N/A	N/A	Pass	1.3%	N/A	N/A
		Bedroom1	Pass	0.8%	Pass	27 h	Pass	0.7%	Pass	18 h
		Bedroom2	Pass	1.2%	Fail	37 h	Pass	1.1%	Pass	26 h
	08	LKD	Pass	1.4%	N/A	N/A	Pass	1.3%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	28 h	Pass	0.8%	Pass	17 h
		Bedroom2	Pass	1.1%	Fail	35 h	Pass	1.0%	Pass	23 h
	09	LKD	Pass	1.1%	N/A	N/A	Pass	1.1%	N/A	N/A
		Bedroom1	Pass	0.7%	Pass	27 h	Pass	0.7%	Pass	16 h
		Bedroom2	Pass	0.9%	Fail	45 h	Pass	0.8%	Pass	28 h
		Bedroom3	Pass	0.4%	Pass	29 h	Pass	0.4%	Pass	19 h
	10	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	21 h	Pass	0.0%	Pass	21 h
		Bedroom2	Pass	0.0%	Pass	19 h	Pass	0.0%	Pass	18 h
	11	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h
	12	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	13 h	Pass	0.0%	Pass	13 h
	13	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	8 h	Pass	0.0%	Pass	8 h
	14	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
		Bedroom2	Pass	0.0%	Pass	13 h	Pass	0.0%	Pass	13 h
	15	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	14 h	Pass	0.1%	Pass	14 h
		Bedroom2	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h
5	01	LKD	Pass	0.3%	N/A	N/A	Pass	0.3%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	15 h	Pass	0.1%	Pass	15 h
		Bedroom2	Pass	0.3%	Pass	26 h	Pass	0.3%	Pass	26 h
		Bedroom3	Pass	0.1%	Pass	20 h	Pass	0.1%	Pass	20 h
	02	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	16 h	Pass	0.1%	Pass	16 h
		Bedroom2	Pass	0.2%	Pass	22 h	Pass	0.2%	Pass	22 h
	03	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	18 h	Pass	0.1%	Pass	18 h
		Bedroom2	Pass	0.2%	Pass	22 h	Pass	0.2%	Pass	22 h
	04	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom	Pass	0.1%	Pass	16 h	Pass	0.1%	Pass	16 h
	05	LKD	Pass	1.0%	N/A	N/A	Pass	1.0%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	26 h	Pass	1.0%	Pass	26 h
		Bedroom2	Pass	0.2%	Pass	15 h	Pass	0.2%	Pass	15 h
	06	LKD	Pass	1.9%	N/A	N/A	Pass	1.9%	N/A	N/A
		Bedroom	Pass	0.9%	Pass	25 h	Pass	0.9%	Pass	21 h
	07	LKD	Pass	1.7%	N/A	N/A	Pass	1.6%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	26 h	Pass	0.8%	Pass	16 h
		Bedroom2	Pass	1.1%	Fail	33 h	Pass	1.1%	Pass	23 h
	08	LKD	Pass	1.7%	N/A	N/A	Pass	1.5%	N/A	N/A
		Bedroom1	Pass	1.0%	Pass	26 h	Pass	0.9%	Pass	16 h
		Bedroom2	Pass	1.1%	Fail	33 h	Pass	1.0%	Pass	22 h
	09	LKD	Pass	1.4%	N/A	N/A	Pass	1.2%	N/A	N/A
		Bedroom1	Pass	0.7%	Pass	25 h	Pass	0.6%	Pass	15 h

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Floor	Apt. number	Room type	Scenario 1 : MVHR + 2 ACH Purge				Scenario 2 : MVHR + 2.5 ACH Purge (Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors)			
			Criterion A		Criterion B		Criterion A		Criterion B	
		Bedroom2	Pass	1.0%	Fail	45 h	Pass	0.9%	Pass	29 h
		Bedroom3	Pass	0.4%	Pass	27 h	Pass	0.4%	Pass	18 h
	10	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	19 h	Pass	0.0%	Pass	19 h
		Bedroom2	Pass	0.0%	Pass	18 h	Pass	0.0%	Pass	18 h
	11	LKD	Pass	0.1%	N/A	N/A	Pass	0.1%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	13 h
	12	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h
	13	LKD	Pass	0.0%	N/A	N/A	Pass	0.0%	N/A	N/A
		Bedroom	Pass	0.0%	Pass	8 h	Pass	0.0%	Pass	8 h
	14	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.0%	Pass	11 h	Pass	0.0%	Pass	11 h
		Bedroom2	Pass	0.0%	Pass	12 h	Pass	0.0%	Pass	12 h
	15	LKD	Pass	0.2%	N/A	N/A	Pass	0.2%	N/A	N/A
		Bedroom1	Pass	0.1%	Pass	15 h	Pass	0.1%	Pass	15 h
		Bedroom2	Pass	0.0%	Pass	14 h	Pass	0.0%	Pass	14 h

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7.0 Conclusion

Consolux M&E Consulting Ltd have been appointed to undertake an overheating analysis of Parrs Wood Ln, East Didsbury, Manchester M20 5NP, to provide design stage guidance and maximise occupant comfort levels. For this study, a total of 75 apartments were assessed under scenario applying MVHR purge mode at the flow rates required for each space type, taking into account four key factors: elevation, orientation, number of bedrooms, and dwelling size, the analysis demonstrated that all bedrooms and living/kitchen/dining (LKD) spaces achieved compliance when the MVHR purge ventilation strategy was applied. The modelling incorporated internal heat gains, passive shading measures, and building orientation within the dynamic thermal simulation. Table 6 sets out mechanical system settings and the ventilation rate requirements for each dwelling type to satisfy the Approved Document O assessment.

Units	Room	MVHR Mode	Ventilation rate
All the rest apartments	Bedroom & LKD	Background	0.3l/s/m^2
		Purge	2ACH
Apt. 05, 07, 08, 09 on 2nd- 3rd floors and Apt. 07, 08, 09 on 4th- 5th floors	Bedroom & LKD	Background	0.3l/s/m^2
		Purge	2.5ACH

Table 6 | Mechanical system and system allocation.

The results confirm that the proposed MVHR system provides sufficient ventilation to control overheating across the development, ensuring that all residential units are designed to deliver acceptable thermal comfort for occupants.

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8.0 Approved Document O Compliance Checklist

This section includes compliance checklists Part 1 and Part 2 as per Approved Document O requirements:

- Part 1 contains building details and declarations.
- Part 2 functions as a design checklist for the dynamic thermal modelling approach.

8.1.1 Building details & declaration

Building & Site Details	
Residential building name/number	Parrs Wood
Street	Parrs Wood Lane
Town	East Didsbury
County	Greater Manchester
Postcode	M20 5NP
Proposed building use/type of building	Residential
Are there any security, noise, or pollution issues?	Top hung window opening restrictor Bedroom windows closed at night

1.2 Designers Details	
Designer's Name	Yaser Azizian
Company	Consolux M&E Consulting Ltd.
Address Line 1	7th Floor, Cotton House, Cotton Exchange Building,
Address Line 2	Old Hall Street, Liverpool
Postcode	L3 9LQ
Telephone Number	+44 (0)151 708 9469
Email Address	Liverpool@consolux.co.uk

8.1.2 Dynamic thermal modelling method

2b.1 Modelling details	
Dynamic software name and version	IESVE version 2025.1.0.0
Weather file location used, including any additional, more extreme weather files	Manchester_GTW_DSY1_2020High50.epw
Number of units modelled, including an explanation of why the size/selection has been chosen	Full six-storey building modelled

2b.2 Modelled occupancy	
Has the project passed the assessment described in CIBSE's TM59, taking into account the limits detailed in paragraphs 2.5 and 2.6?	Yes ✓ No
Details of the occupancy profiles used	TM59 profiles
Details of the equipment profiles used	TM59 profiles
Details of the opening profiles used	Approved Document O profile section a 'day only' and 'night and day'

2b.3 Modelled overheating mitigation strategy	
Free areas	• As per Architectural drawings. • All openable windows/vents are considered to have a free area of 90% of the total opening area.
Infiltration and mechanical flow rates	• Infiltration with 3 $m^3/h.m^2$ @ 50pa • Background ventilation: 0.3l/s/m^2 • MVHR 'Purge' mode: 2, 2.5ACH
Window g-value	0.63
Shading strategy	• Overhangs • Projecting Balcony
Mechanical cooling	Not considered.

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2b.4 Modelling Results

Has the project passed the assessment described in CIBSE's TM59, taking in to account the limits detailed in paragraphs 2.5 and 2.6?	Yes ✓ No
What is the overall overheating strategy (i.e. what design features are key to the project passing?)	• Shading elements as per Architectural design. • MVHR system for ventilation.

2b.5 Designer's Declaration

Has the building construction proposal been modelled accurately?	Yes ✓ No
Designer's name	Yaser Azizian
Designer's organisation	Consolux M&E Consulting Ltd.
Designer's signature	YA
Registration number (if applicable)	N/A
Date of design	January 2026

Note: All references to paragraphs are to Approved Document O.

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9.0 Appendix

Appendix	Description	Page
A-1	Approved Document O output report – Scenario 1	54
A-2	Approved Document O output report – Scenario 2	54

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Approved Document O report
Overheating risk in residential buildings
for
Parrs Wood

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Parrs Wood

Building details

Project name: Parrs Wood	Date: 23-01-2026 13:16:45
Location: Parrs Wood Lane; Manchester; ENG, GB	
Address: Parrs Wood Ln, East Didsbury, Manchester M20 5NP	
Building use: Residential	
Are there any security, noise, or pollution issues: Noise issue; Bedroom windows closed at night	

Designer's details

Designer's name: Yaser Azizian
Designer's organisation: Consolux M&E consulting Ltd
Designer's address: 7th Floor, Cotton House, Cotton Exchange Building, Old Hall Street, Liverpool, L3 9LQ

Dynamic thermal model

Software: IESVE version 2025.1.0.0	
Weather file: Manchester_DSY1_2020High50_.epw	
Results file: 2026-01-23-S1.aps	
Number of rooms analysed: 210	
TM59: summer elevated air speed: 0.1	
TM59: occupant category: Category II (normal)	
Overheating mitigation strategy: Openable Windows, MVHR + 0.3l/s.m² +2 ACH Purge	
Has the building construction proposal been modelled accurately?	YES
Have the analysed rooms passed the assessment for Approved Doc O Dynamic Thermal Modelling Method (CIBSE TM 59)?	NO
Designer's signature:	

Summary

CIBSE TM59 overheating methodology for predominantly naturally ventilated rooms assesses against two criteria, (a) and (b) (for Category I occupancy, Tmax is reduced by 1K):

- Criterion (a) states that for living rooms, kitchens and bedrooms, the number of hours during which ΔT is greater than or equal to 1K from May to September (or November to March for southern hemisphere locations) shall not exceed 3% of occupied hours
- Criterion (b) states that the operative temperature of the bedrooms from 22:00-07:00 shall not exceed 26°C for more than 1% of annual hours (33 hours is therefore recorded as a fail). Approved document O applies limits to CIBSE TM59 section 3.3 (openings); these requirements are applied by appropriate assignment of MacroFlo types / scripted profiles in the model (see Modelled Openings Section).

CIBSE TM59 overheating methodology for predominantly mechanically ventilated rooms states the operative temperature of all rooms shall not exceed 26°C for more than 3% of annual occupied hours.

CIBSE TM59 also states that the inclusion of corridors in the overheating analysis is mandatory where community heating pipework runs through them. While there is no mandatory target for communal corridors, if an operative temperature of 28°C is exceeded for more than 3% of the total annual hours this should be identified as a significant risk.

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
01_02-2B3P-2B LKD	Pass	N/A	-	-
01_14-2B3P-2B LKD	Pass	N/A	-	-
01_13-1B2P-1B LKD	Pass	N/A	-	-
01_04-1B2P-1B LKD	Pass	N/A	-	-
01_06-1B2P-1B LKD	Pass	N/A	-	-
01_09-3B4P-3B LKD	Pass	N/A	-	-
01_10-2B3P-2B LKD	Pass	N/A	-	-
01_12-1B1P-1B LKD	Pass	N/A	-	-
01_01-3B4P-Bedroom3	Pass	Pass	-	-
01_15-2B3P-Bedroom1	Pass	Pass	-	-
01_01-3B4P-Bedroom1	Pass	Pass	-	-
01_02-2B3P-Bedroom2	Pass	Pass	-	-
01_03-2B3P-2B LKD	Pass	N/A	-	-
01_04-1B2P-Bedroom	Pass	Pass	-	-
01_03-2B3P-Bedroom1	Pass	Pass	-	-
01_05-2B3P-Bedroom2	Pass	Pass	-	-
01_05-2B3P-2B LKD	Pass	N/A	-	-
01_02-2B3P-Bedroom1	Pass	Pass	-	-
01_03-2B3P-Bedroom2	Pass	Pass	-	-
01_05-2B3P-Bedroom1	Pass	Pass	-	-
01_08-2B3P-2B LKD	Pass	N/A	-	-
01_08-2B3P-Bedroom2	Pass	Pass	-	-
01_07-2B3P-2B LKD	Pass	N/A	-	-
01_07-2B3P-Bedroom1	Pass	Pass	-	-
01_08-2B3P-Bedroom1	Pass	Pass	-	-
01_07-2B3P-Bedroom2	Pass	Pass	-	-
01_09-3B4P-Bedroom1	Pass	Pass	-	-
01_09-3B4P-Bedroom2	Pass	Pass	-	-
01_09-3B4P-Bedroom3	Pass	Pass	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
01_01-3B4P-Bedroom2	Pass	Pass	-	-
01_01-3B4P-3B LKD	Pass	N/A	-	-
01_10-2B3P-Bedroom1	Pass	Pass	-	-
01_10-2B3P-Bedroom2	Pass	Pass	-	-
01_11-1B2P-Bedroom	Pass	Pass	-	-
01_11-1B2P-1B LKD	Pass	N/A	-	-
01_12-1B1P-Bedroom	Pass	Pass	-	-
01_13-1B2P-Bedroom	Pass	Pass	-	-
01_14-2B3P-Bedroom2	Pass	Pass	-	-
01_14-2B3P-Bedroom1	Pass	Pass	-	-
01_15-2B3P-Bedroom2	Pass	Pass	-	-
01_15-2B3P-2B LKD	Pass	N/A	-	-
01_06-1B2P-Bedroom	Pass	Pass	-	-
02_02-2B3P-2B LKD	Pass	N/A	-	-
02_14-2B3P-2B LKD	Pass	N/A	-	-
02_13-1B2P-1B LKD	Pass	N/A	-	-
02_04-1B2P-1B LKD	Pass	N/A	-	-
02_06-1B2P-1B LKD	Pass	N/A	-	-
02_09-3B4P-3B LKD	Pass	N/A	-	-
02_10-2B3P-2B LKD	Pass	N/A	-	-
02_12-1B1P-1B LKD	Pass	N/A	-	-
02_01-3B4P-Bedroom3	Pass	Pass	-	-
02_15-2B3P-Bedroom1	Pass	Pass	-	-
02_01-3B4P-Bedroom1	Pass	Pass	-	-
02_02-2B3P-Bedroom2	Pass	Pass	-	-
02_03-2B3P-2B LKD	Pass	N/A	-	-
02_04-1B2P-Bedroom	Pass	Pass	-	-
02_03-2B3P-Bedroom1	Pass	Pass	-	-
02_05-2B3P-Bedroom2	Pass	Pass	-	-
02_05-2B3P-2B LKD	Pass	N/A	-	-
02_02-2B3P-Bedroom1	Pass	Pass	-	-
02_03-2B3P-Bedroom2	Pass	Pass	-	-
02_05-2B3P-Bedroom1	Pass	Fail	-	-
02_08-2B3P-2B LKD	Pass	N/A	-	-
02_08-2B3P-Bedroom2	Pass	Fail	-	-
02_07-2B3P-2B LKD	Pass	N/A	-	-
02_07-2B3P-Bedroom1	Pass	Pass	-	-
02_08-2B3P-Bedroom1	Pass	Pass	-	-
02_07-2B3P-Bedroom2	Pass	Fail	-	-
02_09-3B4P-Bedroom1	Pass	Pass	-	-
02_09-3B4P-Bedroom2	Pass	Fail	-	-
02_09-3B4P-Bedroom3	Pass	Pass	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
02_01-3B4P-Bedroom2	Pass	Pass	-	-
02_01-3B4P-3B LKD	Pass	N/A	-	-
02_10-2B3P-Bedroom1	Pass	Pass	-	-
02_10-2B3P-Bedroom2	Pass	Pass	-	-
02_11-1B2P-Bedroom	Pass	Pass	-	-
02_11-1B2P-1B LKD	Pass	N/A	-	-
02_13-1B2P-Bedroom	Pass	Pass	-	-
02_14-2B3P-Bedroom2	Pass	Pass	-	-
02_14-2B3P-Bedroom1	Pass	Pass	-	-
02_15-2B3P-Bedroom2	Pass	Pass	-	-
02_15-2B3P-2B LKD	Pass	N/A	-	-
02_06-1B2P-Bedroom	Pass	Pass	-	-
03_02-2B3P-2B LKD	Pass	N/A	-	-
03_14-2B3P-2B LKD	Pass	N/A	-	-
03_13-1B2P-1B LKD	Pass	N/A	-	-
03_04-1B2P-1B LKD	Pass	N/A	-	-
03_06-1B2P-1B LKD	Pass	N/A	-	-
03_09-3B4P-3B LKD	Pass	N/A	-	-
03_10-2B3P-2B LKD	Pass	N/A	-	-
03_12-1B1P-1B LKD	Pass	N/A	-	-
03_01-3B4P-Bedroom3	Pass	Pass	-	-
03_15-2B3P-Bedroom1	Pass	Pass	-	-
03_01-3B4P-Bedroom1	Pass	Pass	-	-
03_02-2B3P-Bedroom2	Pass	Pass	-	-
03_03-2B3P-2B LKD	Pass	N/A	-	-
03_04-1B2P-Bedroom	Pass	Pass	-	-
03_03-2B3P-Bedroom1	Pass	Pass	-	-
03_05-2B3P-Bedroom2	Pass	Pass	-	-
03_05-2B3P-2B LKD	Pass	N/A	-	-
03_02-2B3P-Bedroom1	Pass	Pass	-	-
03_03-2B3P-Bedroom2	Pass	Pass	-	-
03_05-2B3P-Bedroom1	Pass	Fail	-	-
03_08-2B3P-2B LKD	Pass	N/A	-	-
03_08-2B3P-Bedroom2	Pass	Fail	-	-
03_07-2B3P-2B LKD	Pass	N/A	-	-
03_07-2B3P-Bedroom1	Pass	Pass	-	-
03_08-2B3P-Bedroom1	Pass	Pass	-	-
03_07-2B3P-Bedroom2	Pass	Fail	-	-
03_09-3B4P-Bedroom1	Pass	Pass	-	-
03_09-3B4P-Bedroom2	Pass	Fail	-	-
03_09-3B4P-Bedroom3	Pass	Pass	-	-
03_01-3B4P-Bedroom2	Pass	Pass	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
03_01-3B4P-3B LKD	Pass	N/A	-	-
03_10-2B3P-Bedroom1	Pass	Pass	-	-
03_10-2B3P-Bedroom2	Pass	Pass	-	-
03_11-1B2P-Bedroom	Pass	Pass	-	-
03_11-1B2P-1B LKD	Pass	N/A	-	-
03_13-1B2P-Bedroom	Pass	Pass	-	-
03_14-2B3P-Bedroom2	Pass	Pass	-	-
03_14-2B3P-Bedroom1	Pass	Pass	-	-
03_15-2B3P-Bedroom2	Pass	Pass	-	-
03_15-2B3P-2B LKD	Pass	N/A	-	-
03_06-1B2P-Bedroom	Pass	Pass	-	-
04_02-2B3P-2B LKD	Pass	N/A	-	-
04_14-2B3P-2B LKD	Pass	N/A	-	-
04_13-1B2P-1B LKD	Pass	N/A	-	-
04_04-1B2P-1B LKD	Pass	N/A	-	-
04_06-1B2P-1B LKD	Pass	N/A	-	-
04_09-3B4P-3B LKD	Pass	N/A	-	-
04_10-2B3P-2B LKD	Pass	N/A	-	-
04_12-1B1P-1B LKD	Pass	N/A	-	-
04_01-3B4P-Bedroom3	Pass	Pass	-	-
04_15-2B3P-Bedroom1	Pass	Pass	-	-
04_01-3B4P-Bedroom1	Pass	Pass	-	-
04_02-2B3P-Bedroom2	Pass	Pass	-	-
04_03-2B3P-2B LKD	Pass	N/A	-	-
04_04-1B2P-Bedroom	Pass	Pass	-	-
04_03-2B3P-Bedroom1	Pass	Pass	-	-
04_05-2B3P-Bedroom2	Pass	Pass	-	-
04_05-2B3P-2B LKD	Pass	N/A	-	-
04_02-2B3P-Bedroom1	Pass	Pass	-	-
04_03-2B3P-Bedroom2	Pass	Pass	-	-
04_05-2B3P-Bedroom1	Pass	Pass	-	-
04_08-2B3P-2B LKD	Pass	N/A	-	-
04_08-2B3P-Bedroom2	Pass	Fail	-	-
04_07-2B3P-2B LKD	Pass	N/A	-	-
04_07-2B3P-Bedroom1	Pass	Pass	-	-
04_08-2B3P-Bedroom1	Pass	Pass	-	-
04_07-2B3P-Bedroom2	Pass	Fail	-	-
04_09-3B4P-Bedroom1	Pass	Pass	-	-
04_09-3B4P-Bedroom2	Pass	Fail	-	-
04_09-3B4P-Bedroom3	Pass	Pass	-	-
04_01-3B4P-Bedroom2	Pass	Pass	-	-
04_01-3B4P-3B LKD	Pass	N/A	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
04_10-2B3P-Bedroom1	Pass	Pass	-	-
04_10-2B3P-Bedroom2	Pass	Pass	-	-
04_11-1B2P-Bedroom	Pass	Pass	-	-
04_11-1B2P-1B LKD	Pass	N/A	-	-
04_13-1B2P-Bedroom	Pass	Pass	-	-
04_14-2B3P-Bedroom2	Pass	Pass	-	-
04_14-2B3P-Bedroom1	Pass	Pass	-	-
04_15-2B3P-Bedroom2	Pass	Pass	-	-
04_15-2B3P-2B LKD	Pass	N/A	-	-
04_06-1B2P-Bedroom	Pass	Pass	-	-
05_02-2B3P-2B LKD	Pass	N/A	-	-
05_14-2B3P-2B LKD	Pass	N/A	-	-
05_13-1B2P-1B LKD	Pass	N/A	-	-
05_04-1B2P-1B LKD	Pass	N/A	-	-
05_06-1B2P-1B LKD	Pass	N/A	-	-
05_09-3B4P-3B LKD	Pass	N/A	-	-
05_10-2B3P-2B LKD	Pass	N/A	-	-
05_12-1B1P-1B LKD	Pass	N/A	-	-
05_03-2B3P-2B LKD	Pass	N/A	-	-
05_05-2B3P-Bedroom2	Pass	Pass	-	-
05_05-2B3P-2B LKD	Pass	N/A	-	-
05_05-2B3P-Bedroom1	Pass	Pass	-	-
05_08-2B3P-2B LKD	Pass	N/A	-	-
05_07-2B3P-2B LKD	Pass	N/A	-	-
05_01-3B4P-3B LKD	Pass	N/A	-	-
05_15-2B3P-2B LKD	Pass	N/A	-	-
05_01-3B4P-Bedroom2	Pass	Pass	-	-
05_01-3B4P-Bedroom3	Pass	Pass	-	-
05_01-3B4P-Bedroom1	Pass	Pass	-	-
05_02-2B3P-Bedroom1	Pass	Pass	-	-
05_02-2B3P-Bedroom2	Pass	Pass	-	-
05_03-2B3P-Bedroom1	Pass	Pass	-	-
05_03-2B3P-Bedroom2	Pass	Pass	-	-
05_04-1B2P-Bedroom	Pass	Pass	-	-
05_06-1B2P-Bedroom	Pass	Pass	-	-
05_07-2B3P-Bedroom2	Pass	Fail	-	-
05_07-2B3P-Bedroom1	Pass	Pass	-	-
05_08-2B3P-Bedroom2	Pass	Fail	-	-
05_08-2B3P-Bedroom1	Pass	Pass	-	-
05_09-3B4P-Bedroom1	Pass	Pass	-	-
05_09-3B4P-Bedroom2	Pass	Fail	-	-
05_09-3B4P-Bedroom3	Pass	Pass	-	-

Parrs Wood

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
05_10-2B3P-Bedroom1	Pass	Pass	-	-
05_10-2B3P-Bedroom2	Pass	Pass	-	-
05_11-1B2P-Bedroom	Pass	Pass	-	-
05_11-1B2P-1B LKD	Pass	N/A	-	-
05_13-1B2P-Bedroom	Pass	Pass	-	-
05_14-2B3P-Bedroom2	Pass	Pass	-	-
05_14-2B3P-Bedroom1	Pass	Pass	-	-
05_15-2B3P-Bedroom2	Pass	Pass	-	-
05_15-2B3P-Bedroom1	Pass	Pass	-	-
02_12-1B1P-Bedroom	Pass	Pass	-	-
03_12-1B1P-Bedroom	Pass	Pass	-	-
04_12-1B1P-Bedroom	Pass	Pass	-	-
05_12-1B1P-Bedroom	Pass	Pass	-	-

Naturally ventilated rooms – criterion (a)

Criterion (a) states that for living rooms, kitchens and bedrooms, the number of hours during which ΔT is greater than or equal to 1K from May to September (or November to March for southern hemisphere locations) shall not exceed 3% of occupied hours.

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
01_02-2B3P-2B LKD	1989	1	0.1	Pass
01_14-2B3P-2B LKD	1989	0	0.0	Pass
01_13-1B2P-1B LKD	1989	0	0.0	Pass
01_04-1B2P-1B LKD	1989	4	0.2	Pass
01_06-1B2P-1B LKD	1989	37	1.9	Pass
01_09-3B4P-3B LKD	1989	23	1.2	Pass
01_10-2B3P-2B LKD	1989	1	0.1	Pass
01_12-1B1P-1B LKD	1989	0	0.0	Pass
01_01-3B4P-Bedroom3	3672	4	0.1	Pass
01_15-2B3P-Bedroom1	3672	0	0.0	Pass
01_01-3B4P-Bedroom1	3672	0	0.0	Pass
01_02-2B3P-Bedroom2	3672	2	0.1	Pass
01_03-2B3P-2B LKD	1989	1	0.1	Pass
01_04-1B2P-Bedroom	3672	2	0.1	Pass
01_03-2B3P-Bedroom1	3672	0	0.0	Pass
01_05-2B3P-Bedroom2	3672	9	0.2	Pass
01_05-2B3P-2B LKD	1989	21	1.1	Pass
01_02-2B3P-Bedroom1	3672	0	0.0	Pass
01_03-2B3P-Bedroom2	3672	6	0.2	Pass
01_05-2B3P-Bedroom1	3672	40	1.1	Pass
01_08-2B3P-2B LKD	1989	29	1.5	Pass
01_08-2B3P-Bedroom2	3672	36	1.0	Pass
01_07-2B3P-2B LKD	1989	30	1.5	Pass
01_07-2B3P-Bedroom1	3672	25	0.7	Pass
01_08-2B3P-Bedroom1	3672	30	0.8	Pass
01_07-2B3P-Bedroom2	3672	39	1.1	Pass
01_09-3B4P-Bedroom1	3672	25	0.7	Pass
01_09-3B4P-Bedroom2	3672	27	0.7	Pass
01_09-3B4P-Bedroom3	3672	15	0.4	Pass
01_01-3B4P-Bedroom2	3672	4	0.1	Pass
01_01-3B4P-3B LKD	1989	3	0.2	Pass
01_10-2B3P-Bedroom1	3672	0	0.0	Pass
01_10-2B3P-Bedroom2	3672	0	0.0	Pass
01_11-1B2P-Bedroom	3672	0	0.0	Pass
01_11-1B2P-1B LKD	1989	0	0.0	Pass
01_12-1B1P-Bedroom	3672	0	0.0	Pass
01_13-1B2P-Bedroom	3672	0	0.0	Pass

Parrs Wood

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
01_14-2B3P-Bedroom2	3672	0	0.0	Pass
01_14-2B3P-Bedroom1	3672	0	0.0	Pass
01_15-2B3P-Bedroom2	3672	0	0.0	Pass
01_15-2B3P-2B LKD	1989	0	0.0	Pass
01_06-1B2P-Bedroom	3672	34	0.9	Pass
02_02-2B3P-2B LKD	1989	4	0.2	Pass
02_14-2B3P-2B LKD	1989	1	0.1	Pass
02_13-1B2P-1B LKD	1989	0	0.0	Pass
02_04-1B2P-1B LKD	1989	6	0.3	Pass
02_06-1B2P-1B LKD	1989	38	1.9	Pass
02_09-3B4P-3B LKD	1989	27	1.4	Pass
02_10-2B3P-2B LKD	1989	4	0.2	Pass
02_12-1B1P-1B LKD	1989	0	0.0	Pass
02_01-3B4P-Bedroom3	3672	6	0.2	Pass
02_15-2B3P-Bedroom1	3672	0	0.0	Pass
02_01-3B4P-Bedroom1	3672	3	0.1	Pass
02_02-2B3P-Bedroom2	3672	11	0.3	Pass
02_03-2B3P-2B LKD	1989	7	0.4	Pass
02_04-1B2P-Bedroom	3672	6	0.2	Pass
02_03-2B3P-Bedroom1	3672	0	0.0	Pass
02_05-2B3P-Bedroom2	3672	10	0.3	Pass
02_05-2B3P-2B LKD	1989	22	1.1	Pass
02_02-2B3P-Bedroom1	3672	4	0.1	Pass
02_03-2B3P-Bedroom2	3672	14	0.4	Pass
02_05-2B3P-Bedroom1	3672	41	1.1	Pass
02_08-2B3P-2B LKD	1989	36	1.8	Pass
02_08-2B3P-Bedroom2	3672	44	1.2	Pass
02_07-2B3P-2B LKD	1989	37	1.9	Pass
02_07-2B3P-Bedroom1	3672	30	0.8	Pass
02_08-2B3P-Bedroom1	3672	37	1.0	Pass
02_07-2B3P-Bedroom2	3672	46	1.3	Pass
02_09-3B4P-Bedroom1	3672	29	0.8	Pass
02_09-3B4P-Bedroom2	3672	37	1.0	Pass
02_09-3B4P-Bedroom3	3672	18	0.5	Pass
02_01-3B4P-Bedroom2	3672	11	0.3	Pass
02_01-3B4P-3B LKD	1989	6	0.3	Pass
02_10-2B3P-Bedroom1	3672	0	0.0	Pass
02_10-2B3P-Bedroom2	3672	1	0.0	Pass
02_11-1B2P-Bedroom	3672	0	0.0	Pass
02_11-1B2P-1B LKD	1989	0	0.0	Pass
02_13-1B2P-Bedroom	3672	0	0.0	Pass
02_14-2B3P-Bedroom2	3672	0	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
02_14-2B3P-Bedroom1	3672	0	0.0	Pass
02_15-2B3P-Bedroom2	3672	0	0.0	Pass
02_15-2B3P-2B LKD	1989	1	0.1	Pass
02_06-1B2P-Bedroom	3672	37	1.0	Pass
03_02-2B3P-2B LKD	1989	4	0.2	Pass
03_14-2B3P-2B LKD	1989	1	0.1	Pass
03_13-1B2P-1B LKD	1989	0	0.0	Pass
03_04-1B2P-1B LKD	1989	6	0.3	Pass
03_06-1B2P-1B LKD	1989	39	2.0	Pass
03_09-3B4P-3B LKD	1989	27	1.4	Pass
03_10-2B3P-2B LKD	1989	5	0.3	Pass
03_12-1B1P-1B LKD	1989	0	0.0	Pass
03_01-3B4P-Bedroom3	3672	6	0.2	Pass
03_15-2B3P-Bedroom1	3672	0	0.0	Pass
03_01-3B4P-Bedroom1	3672	4	0.1	Pass
03_02-2B3P-Bedroom2	3672	13	0.4	Pass
03_03-2B3P-2B LKD	1989	7	0.4	Pass
03_04-1B2P-Bedroom	3672	6	0.2	Pass
03_03-2B3P-Bedroom1	3672	0	0.0	Pass
03_05-2B3P-Bedroom2	3672	10	0.3	Pass
03_05-2B3P-2B LKD	1989	22	1.1	Pass
03_02-2B3P-Bedroom1	3672	5	0.1	Pass
03_03-2B3P-Bedroom2	3672	15	0.4	Pass
03_05-2B3P-Bedroom1	3672	41	1.1	Pass
03_08-2B3P-2B LKD	1989	37	1.9	Pass
03_08-2B3P-Bedroom2	3672	44	1.2	Pass
03_07-2B3P-2B LKD	1989	37	1.9	Pass
03_07-2B3P-Bedroom1	3672	31	0.8	Pass
03_08-2B3P-Bedroom1	3672	38	1.0	Pass
03_07-2B3P-Bedroom2	3672	46	1.3	Pass
03_09-3B4P-Bedroom1	3672	31	0.8	Pass
03_09-3B4P-Bedroom2	3672	38	1.0	Pass
03_09-3B4P-Bedroom3	3672	18	0.5	Pass
03_01-3B4P-Bedroom2	3672	11	0.3	Pass
03_01-3B4P-3B LKD	1989	6	0.3	Pass
03_10-2B3P-Bedroom1	3672	0	0.0	Pass
03_10-2B3P-Bedroom2	3672	1	0.0	Pass
03_11-1B2P-Bedroom	3672	0	0.0	Pass
03_11-1B2P-1B LKD	1989	0	0.0	Pass
03_13-1B2P-Bedroom	3672	0	0.0	Pass
03_14-2B3P-Bedroom2	3672	0	0.0	Pass
03_14-2B3P-Bedroom1	3672	0	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
03_15-2B3P-Bedroom2	3672	0	0.0	Pass
03_15-2B3P-2B LKD	1989	2	0.1	Pass
03_06-1B2P-Bedroom	3672	37	1.0	Pass
04_02-2B3P-2B LKD	1989	3	0.2	Pass
04_14-2B3P-2B LKD	1989	2	0.1	Pass
04_13-1B2P-1B LKD	1989	0	0.0	Pass
04_04-1B2P-1B LKD	1989	6	0.3	Pass
04_06-1B2P-1B LKD	1989	38	1.9	Pass
04_09-3B4P-3B LKD	1989	22	1.1	Pass
04_10-2B3P-2B LKD	1989	5	0.3	Pass
04_12-1B1P-1B LKD	1989	0	0.0	Pass
04_01-3B4P-Bedroom3	3672	4	0.1	Pass
04_15-2B3P-Bedroom1	3672	2	0.1	Pass
04_01-3B4P-Bedroom1	3672	3	0.1	Pass
04_02-2B3P-Bedroom2	3672	6	0.2	Pass
04_03-2B3P-2B LKD	1989	3	0.2	Pass
04_04-1B2P-Bedroom	3672	5	0.1	Pass
04_03-2B3P-Bedroom1	3672	0	0.0	Pass
04_05-2B3P-Bedroom2	3672	10	0.3	Pass
04_05-2B3P-2B LKD	1989	20	1.0	Pass
04_02-2B3P-Bedroom1	3672	3	0.1	Pass
04_03-2B3P-Bedroom2	3672	12	0.3	Pass
04_05-2B3P-Bedroom1	3672	41	1.1	Pass
04_08-2B3P-2B LKD	1989	27	1.4	Pass
04_08-2B3P-Bedroom2	3672	41	1.1	Pass
04_07-2B3P-2B LKD	1989	29	1.5	Pass
04_07-2B3P-Bedroom1	3672	30	0.8	Pass
04_08-2B3P-Bedroom1	3672	36	1.0	Pass
04_07-2B3P-Bedroom2	3672	43	1.2	Pass
04_09-3B4P-Bedroom1	3672	27	0.7	Pass
04_09-3B4P-Bedroom2	3672	34	0.9	Pass
04_09-3B4P-Bedroom3	3672	16	0.4	Pass
04_01-3B4P-Bedroom2	3672	11	0.3	Pass
04_01-3B4P-3B LKD	1989	5	0.3	Pass
04_10-2B3P-Bedroom1	3672	0	0.0	Pass
04_10-2B3P-Bedroom2	3672	1	0.0	Pass
04_11-1B2P-Bedroom	3672	0	0.0	Pass
04_11-1B2P-1B LKD	1989	1	0.1	Pass
04_13-1B2P-Bedroom	3672	0	0.0	Pass
04_14-2B3P-Bedroom2	3672	0	0.0	Pass
04_14-2B3P-Bedroom1	3672	0	0.0	Pass
04_15-2B3P-Bedroom2	3672	0	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
04_15-2B3P-2B LKD	1989	4	0.2	Pass
04_06-1B2P-Bedroom	3672	37	1.0	Pass
05_02-2B3P-2B LKD	1989	4	0.2	Pass
05_14-2B3P-2B LKD	1989	4	0.2	Pass
05_13-1B2P-1B LKD	1989	0	0.0	Pass
05_04-1B2P-1B LKD	1989	4	0.2	Pass
05_06-1B2P-1B LKD	1989	37	1.9	Pass
05_09-3B4P-3B LKD	1989	27	1.4	Pass
05_10-2B3P-2B LKD	1989	3	0.2	Pass
05_12-1B1P-1B LKD	1989	0	0.0	Pass
05_03-2B3P-2B LKD	1989	4	0.2	Pass
05_05-2B3P-Bedroom2	3672	9	0.2	Pass
05_05-2B3P-2B LKD	1989	20	1.0	Pass
05_05-2B3P-Bedroom1	3672	37	1.0	Pass
05_08-2B3P-2B LKD	1989	34	1.7	Pass
05_07-2B3P-2B LKD	1989	34	1.7	Pass
05_01-3B4P-3B LKD	1989	5	0.3	Pass
05_15-2B3P-2B LKD	1989	4	0.2	Pass
05_01-3B4P-Bedroom2	3672	11	0.3	Pass
05_01-3B4P-Bedroom3	3672	4	0.1	Pass
05_01-3B4P-Bedroom1	3672	3	0.1	Pass
05_02-2B3P-Bedroom1	3672	3	0.1	Pass
05_02-2B3P-Bedroom2	3672	7	0.2	Pass
05_03-2B3P-Bedroom1	3672	3	0.1	Pass
05_03-2B3P-Bedroom2	3672	7	0.2	Pass
05_04-1B2P-Bedroom	3672	3	0.1	Pass
05_06-1B2P-Bedroom	3672	34	0.9	Pass
05_07-2B3P-Bedroom2	3672	42	1.1	Pass
05_07-2B3P-Bedroom1	3672	35	1.0	Pass
05_08-2B3P-Bedroom2	3672	42	1.1	Pass
05_08-2B3P-Bedroom1	3672	36	1.0	Pass
05_09-3B4P-Bedroom1	3672	27	0.7	Pass
05_09-3B4P-Bedroom2	3672	35	1.0	Pass
05_09-3B4P-Bedroom3	3672	16	0.4	Pass
05_10-2B3P-Bedroom1	3672	0	0.0	Pass
05_10-2B3P-Bedroom2	3672	1	0.0	Pass
05_11-1B2P-Bedroom	3672	0	0.0	Pass
05_11-1B2P-1B LKD	1989	1	0.1	Pass
05_13-1B2P-Bedroom	3672	0	0.0	Pass
05_14-2B3P-Bedroom2	3672	0	0.0	Pass
05_14-2B3P-Bedroom1	3672	1	0.0	Pass
05_15-2B3P-Bedroom2	3672	1	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
05_15-2B3P-Bedroom1	3672	3	0.1	Pass
02_12-1B1P-Bedroom	3672	0	0.0	Pass
03_12-1B1P-Bedroom	3672	0	0.0	Pass
04_12-1B1P-Bedroom	3672	0	0.0	Pass
05_12-1B1P-Bedroom	3672	0	0.0	Pass

Naturally ventilated rooms – criterion (b)

Criterion (b) states that the operative temperature of the bedrooms from 22:00-07:00 shall not exceed 26°C for more than 1% of annual hours (33 hours is therefore recorded as a fail). Any rooms that are not bedrooms are therefore not assessed, hence the corresponding N/A values.

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
01_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
01_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
01_01-3B4P-Bedroom3	5	4	9	Pass
01_15-2B3P-Bedroom1	6	2	8	Pass
01_01-3B4P-Bedroom1	5	1	6	Pass
01_02-2B3P-Bedroom2	10	4	14	Pass
01_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_04-1B2P-Bedroom	7	3	10	Pass
01_03-2B3P-Bedroom1	7	3	10	Pass
01_05-2B3P-Bedroom2	9	7	16	Pass
01_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_02-2B3P-Bedroom1	7	2	9	Pass
01_03-2B3P-Bedroom2	10	5	15	Pass
01_05-2B3P-Bedroom1	15	15	30	Pass
01_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_08-2B3P-Bedroom2	13	11	24	Pass
01_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_07-2B3P-Bedroom1	11	6	17	Pass
01_08-2B3P-Bedroom1	11	6	17	Pass
01_07-2B3P-Bedroom2	13	12	25	Pass
01_09-3B4P-Bedroom1	11	5	16	Pass
01_09-3B4P-Bedroom2	14	14	28	Pass
01_09-3B4P-Bedroom3	9	8	17	Pass
01_01-3B4P-Bedroom2	9	5	14	Pass
01_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
01_10-2B3P-Bedroom1	7	3	10	Pass
01_10-2B3P-Bedroom2	7	3	10	Pass
01_11-1B2P-Bedroom	5	0	5	Pass
01_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_12-1B1P-Bedroom	5	0	5	Pass
01_13-1B2P-Bedroom	4	0	4	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
01_14-2B3P-Bedroom2	5	0	5	Pass
01_14-2B3P-Bedroom1	5	0	5	Pass
01_15-2B3P-Bedroom2	5	0	5	Pass
01_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_06-1B2P-Bedroom	12	12	24	Pass
02_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
02_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
02_01-3B4P-Bedroom3	7	10	17	Pass
02_15-2B3P-Bedroom1	9	4	13	Pass
02_01-3B4P-Bedroom1	7	5	12	Pass
02_02-2B3P-Bedroom2	11	11	22	Pass
02_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_04-1B2P-Bedroom	10	8	18	Pass
02_03-2B3P-Bedroom1	10	9	19	Pass
02_05-2B3P-Bedroom2	9	9	18	Pass
02_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_02-2B3P-Bedroom1	10	6	16	Pass
02_03-2B3P-Bedroom2	11	12	23	Pass
02_05-2B3P-Bedroom1	15	18	33	Fail
02_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_08-2B3P-Bedroom2	15	19	34	Fail
02_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_07-2B3P-Bedroom1	13	14	27	Pass
02_08-2B3P-Bedroom1	14	14	28	Pass
02_07-2B3P-Bedroom2	16	21	37	Fail
02_09-3B4P-Bedroom1	14	14	28	Pass
02_09-3B4P-Bedroom2	20	25	45	Fail
02_09-3B4P-Bedroom3	11	18	29	Pass
02_01-3B4P-Bedroom2	10	13	23	Pass
02_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
02_10-2B3P-Bedroom1	11	7	18	Pass
02_10-2B3P-Bedroom2	11	6	17	Pass
02_11-1B2P-Bedroom	8	3	11	Pass
02_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_13-1B2P-Bedroom	6	1	7	Pass
02_14-2B3P-Bedroom2	9	3	12	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
02_14-2B3P-Bedroom1	7	3	10	Pass
02_15-2B3P-Bedroom2	9	3	12	Pass
02_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_06-1B2P-Bedroom	13	13	26	Pass
03_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
03_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
03_01-3B4P-Bedroom3	7	10	17	Pass
03_15-2B3P-Bedroom1	9	5	14	Pass
03_01-3B4P-Bedroom1	8	5	13	Pass
03_02-2B3P-Bedroom2	11	12	23	Pass
03_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_04-1B2P-Bedroom	10	9	19	Pass
03_03-2B3P-Bedroom1	10	10	20	Pass
03_05-2B3P-Bedroom2	9	9	18	Pass
03_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_02-2B3P-Bedroom1	10	8	18	Pass
03_03-2B3P-Bedroom2	11	13	24	Pass
03_05-2B3P-Bedroom1	15	18	33	Fail
03_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_08-2B3P-Bedroom2	17	21	38	Fail
03_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_07-2B3P-Bedroom1	14	16	30	Pass
03_08-2B3P-Bedroom1	14	16	30	Pass
03_07-2B3P-Bedroom2	17	21	38	Fail
03_09-3B4P-Bedroom1	14	14	28	Pass
03_09-3B4P-Bedroom2	20	25	45	Fail
03_09-3B4P-Bedroom3	11	19	30	Pass
03_01-3B4P-Bedroom2	10	15	25	Pass
03_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
03_10-2B3P-Bedroom1	12	9	21	Pass
03_10-2B3P-Bedroom2	11	8	19	Pass
03_11-1B2P-Bedroom	9	5	14	Pass
03_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_13-1B2P-Bedroom	6	2	8	Pass
03_14-2B3P-Bedroom2	9	4	13	Pass
03_14-2B3P-Bedroom1	9	3	12	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
03_15-2B3P-Bedroom2	9	5	14	Pass
03_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_06-1B2P-Bedroom	13	14	27	Pass
04_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
04_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
04_01-3B4P-Bedroom3	7	10	17	Pass
04_15-2B3P-Bedroom1	9	5	14	Pass
04_01-3B4P-Bedroom1	7	5	12	Pass
04_02-2B3P-Bedroom2	11	11	22	Pass
04_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_04-1B2P-Bedroom	10	9	19	Pass
04_03-2B3P-Bedroom1	10	9	19	Pass
04_05-2B3P-Bedroom2	9	9	18	Pass
04_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_02-2B3P-Bedroom1	10	8	18	Pass
04_03-2B3P-Bedroom2	11	13	24	Pass
04_05-2B3P-Bedroom1	13	17	30	Pass
04_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_08-2B3P-Bedroom2	16	19	35	Fail
04_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_07-2B3P-Bedroom1	13	14	27	Pass
04_08-2B3P-Bedroom1	14	14	28	Pass
04_07-2B3P-Bedroom2	16	21	37	Fail
04_09-3B4P-Bedroom1	13	14	27	Pass
04_09-3B4P-Bedroom2	20	25	45	Fail
04_09-3B4P-Bedroom3	11	18	29	Pass
04_01-3B4P-Bedroom2	10	15	25	Pass
04_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
04_10-2B3P-Bedroom1	12	9	21	Pass
04_10-2B3P-Bedroom2	11	8	19	Pass
04_11-1B2P-Bedroom	9	5	14	Pass
04_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_13-1B2P-Bedroom	6	2	8	Pass
04_14-2B3P-Bedroom2	9	4	13	Pass
04_14-2B3P-Bedroom1	9	3	12	Pass
04_15-2B3P-Bedroom2	9	5	14	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
04_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_06-1B2P-Bedroom	13	13	26	Pass
05_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
05_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
05_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_05-2B3P-Bedroom2	9	6	15	Pass
05_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_05-2B3P-Bedroom1	13	13	26	Pass
05_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
05_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_01-3B4P-Bedroom2	11	15	26	Pass
05_01-3B4P-Bedroom3	9	11	20	Pass
05_01-3B4P-Bedroom1	10	5	15	Pass
05_02-2B3P-Bedroom1	10	6	16	Pass
05_02-2B3P-Bedroom2	11	11	22	Pass
05_03-2B3P-Bedroom1	10	8	18	Pass
05_03-2B3P-Bedroom2	11	11	22	Pass
05_04-1B2P-Bedroom	10	6	16	Pass
05_06-1B2P-Bedroom	12	13	25	Pass
05_07-2B3P-Bedroom2	15	18	33	Fail
05_07-2B3P-Bedroom1	12	14	26	Pass
05_08-2B3P-Bedroom2	15	18	33	Fail
05_08-2B3P-Bedroom1	12	14	26	Pass
05_09-3B4P-Bedroom1	13	12	25	Pass
05_09-3B4P-Bedroom2	20	25	45	Fail
05_09-3B4P-Bedroom3	10	17	27	Pass
05_10-2B3P-Bedroom1	11	8	19	Pass
05_10-2B3P-Bedroom2	11	7	18	Pass
05_11-1B2P-Bedroom	9	5	14	Pass
05_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_13-1B2P-Bedroom	6	2	8	Pass
05_14-2B3P-Bedroom2	9	3	12	Pass
05_14-2B3P-Bedroom1	8	3	11	Pass
05_15-2B3P-Bedroom2	9	5	14	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
05_15-2B3P-Bedroom1	10	5	15	Pass
02_12-1B1P-Bedroom	9	3	12	Pass
03_12-1B1P-Bedroom	9	3	12	Pass
04_12-1B1P-Bedroom	9	4	13	Pass
05_12-1B1P-Bedroom	9	5	14	Pass

Mechanically ventilated rooms

CIBSE TM59 overheating methodology for predominantly mech. vent. rooms states the operative temperature of all rooms shall not exceed 26°C for more than 3% of annual occupied hours.

Room name	No. hours > 26°C	% Annual hours > 26°C	Mechanically ventilated check
No mech vent rooms	N/A	N/A	N/A

Communal corridors

CIBSE TM59 states that whilst there is no mandatory target for communal corridors, if an operative temperature of 28°C is exceeded for more than 3% of annual hours, then this should be identified as a significant risk within the TM59 overheating report.

Room name	No. hours > 28°C	% Annual hours > 28°C	Corridor overheating risk check
No corridors	N/A	N/A	N/A

Modelled details & overheating mitigation strategy

Approved document O: Providing Information & Appendix B requires information about the model and the overheating mitigation strategy. The following tables detail the modelling method and mitigation strategies applied to each analysed room. Where multiple active openings per space (windows & louvres) exist they are all listed. Occupancy, equipment and lighting profiles for occupied rooms comply with TM59 section 5.

Modelled occupancy

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Parrs Wood

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
02_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
02_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Parrs Wood

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
04_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
04_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
05_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_01-3B4P-Bedroom2	13.22	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_01-3B4P-Bedroom3	10.26	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_01-3B4P-Bedroom1	15.7	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
05_02-2B3P-Bedroom1	15.59	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_02-2B3P-Bedroom2	13.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_03-2B3P-Bedroom1	15.97	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_03-2B3P-Bedroom2	13.38	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_04-1B2P-Bedroom	16.58	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_06-1B2P-Bedroom	16.84	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_07-2B3P-Bedroom2	13.38	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_07-2B3P-Bedroom1	15.97	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-Bedroom2	13.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-Bedroom1	15.59	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom1	15.86	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom2	13.2	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom3	10.36	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_10-2B3P-Bedroom1	15.76	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_10-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_11-1B2P-Bedroom	15.37	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_11-1B2P-1B LKD	31.78	TM59 - 1 Bedroom - Living / Kitchen MVHR 2ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_13-1B2P-Bedroom	17.26	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_14-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_14-2B3P-Bedroom1	15.37	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_15-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_15-2B3P-Bedroom1	16.12	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_12-1B1P-Bedroom	14.4	TM59 - Bedrooms MVHR 2ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Modelled openings

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
01_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
01_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
01_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
01_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
01_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
01_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
01_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
01_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
01_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
01_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
01_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
01_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
01_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
01_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
01_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
01_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
01_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
01_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
01_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
01_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
01_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
01_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
01_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
01_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
01_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
01_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
01_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
01_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
01_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
01_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
01_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
01_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
01_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
02_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
02_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
02_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
02_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
02_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
02_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
02_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
02_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
02_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
02_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
02_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
02_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
02_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
02_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
02_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
02_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
02_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
02_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
02_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
02_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
02_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
02_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
02_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
02_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
02_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
02_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
02_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
02_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
02_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
03_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
03_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
03_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
03_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
03_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
03_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
03_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
03_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
03_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
03_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
03_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
03_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
03_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
03_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
03_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
03_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
03_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
03_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
03_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
03_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
03_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
03_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
03_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
03_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
03_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
03_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
03_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
03_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
03_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
03_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
03_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
03_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
04_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
04_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
04_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
04_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
04_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
04_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
04_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
04_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
04_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
04_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
04_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
04_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
04_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
04_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
04_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
04_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
04_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
04_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
04_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
04_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
04_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
04_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
04_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
04_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
04_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
04_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
04_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
04_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
04_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
04_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
04_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
04_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
05_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
05_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
05_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
05_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
05_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
05_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
05_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
05_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
05_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
05_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
05_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
05_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
05_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
05_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
05_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom2	8.1	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.54	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	26.47	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom1	17.52	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.03	ADO.Section_26a, off continuously
05_02-2B3P-Bedroom1	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.22	ADO.Section_26a, off continuously
05_02-2B3P-Bedroom2	17.73	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.91	ADO.Section_26a, off continuously
05_03-2B3P-Bedroom1	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.57	ADO.Section_26a, off continuously
05_03-2B3P-Bedroom2	18.37	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.72	ADO.Section_26a, off continuously
05_04-1B2P-Bedroom	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.38	ADO.Section_26a, off continuously
05_06-1B2P-Bedroom	17.32	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.13	ADO.Section_26a, off continuously
05_07-2B3P-Bedroom2	18.37	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.72	ADO.Section_26a, off continuously
05_07-2B3P-Bedroom1	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.57	ADO.Section_26a, off continuously
05_08-2B3P-Bedroom2	17.73	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.91	ADO.Section_26a, off continuously
05_08-2B3P-Bedroom1	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.22	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_09-3B4P-Bedroom1	17.02	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	26.48	ADO.Section_26a, off continuously
05_09-3B4P-Bedroom2	8.1	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.58	ADO.Section_26a, off continuously
05_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	26.22	ADO.Section_26a, off continuously
05_10-2B3P-Bedroom1	16.38	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.93	ADO.Section_26a, off continuously
05_10-2B3P-Bedroom2	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.14	ADO.Section_26a, off continuously
05_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.67	ADO.Section_26a, off continuously
05_11-1B2P-1B LKD	45.18	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.66	ADO.Section_26a, off continuously
05_13-1B2P-Bedroom	13.7	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	24.59	ADO.Section_26a, off continuously
05_14-2B3P-Bedroom2	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.14	ADO.Section_26a, off continuously
05_14-2B3P-Bedroom1	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.61	ADO.Section_26a, off continuously
05_15-2B3P-Bedroom2	25.11	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.93	ADO.Section_26a, off continuously
05_15-2B3P-Bedroom1	16.73	0.63, 0.63	1.91, 1.91, 2.06, 1.32, 0.94	80.0, 80.0, 0.0, 90.0, 0.0	26.33	ADO.Section_26a, off continuously
02_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
03_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
04_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously

Parrs Wood

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_12-1B1P-Bedroom	17.52	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	29.47	ADO.Section_26a, off continuously

Modelled ventilation

Room name	Infiltration rate ACH	Mech vent flow rate ACH
01_02-2B3P-2B LKD	0.15	2.0
01_14-2B3P-2B LKD	0.15	2.0
01_13-1B2P-1B LKD	0.15	2.0
01_04-1B2P-1B LKD	0.15	2.0
01_06-1B2P-1B LKD	0.15	2.0
01_09-3B4P-3B LKD	0.15	2.0
01_10-2B3P-2B LKD	0.15	2.0
01_12-1B1P-1B LKD	0.15	2.0
01_01-3B4P-Bedroom3	0.15	2.0
01_15-2B3P-Bedroom1	0.15	2.0
01_01-3B4P-Bedroom1	0.15	2.0
01_02-2B3P-Bedroom2	0.15	2.0
01_03-2B3P-2B LKD	0.15	2.0
01_04-1B2P-Bedroom	0.15	2.0
01_03-2B3P-Bedroom1	0.15	2.0
01_05-2B3P-Bedroom2	0.15	2.0
01_05-2B3P-2B LKD	0.15	2.0
01_02-2B3P-Bedroom1	0.15	2.0
01_03-2B3P-Bedroom2	0.15	2.0
01_05-2B3P-Bedroom1	0.15	2.0
01_08-2B3P-2B LKD	0.15	2.0
01_08-2B3P-Bedroom2	0.15	2.0
01_07-2B3P-2B LKD	0.15	2.0
01_07-2B3P-Bedroom1	0.15	2.0
01_08-2B3P-Bedroom1	0.15	2.0
01_07-2B3P-Bedroom2	0.15	2.0
01_09-3B4P-Bedroom1	0.15	2.0
01_09-3B4P-Bedroom2	0.15	2.0
01_09-3B4P-Bedroom3	0.15	2.0
01_01-3B4P-Bedroom2	0.15	2.0
01_01-3B4P-3B LKD	0.15	2.0
01_10-2B3P-Bedroom1	0.15	2.0
01_10-2B3P-Bedroom2	0.15	2.0
01_11-1B2P-Bedroom	0.15	2.0
01_11-1B2P-1B LKD	0.15	2.0
01_12-1B1P-Bedroom	0.15	2.0
01_13-1B2P-Bedroom	0.15	2.0
01_14-2B3P-Bedroom2	0.15	2.0
01_14-2B3P-Bedroom1	0.15	2.0
01_15-2B3P-Bedroom2	0.15	2.0

Room name	Infiltration rate ACH	Mech vent flow rate ACH
01_15-2B3P-2B LKD	0.15	2.0
01_06-1B2P-Bedroom	0.15	2.0
02_02-2B3P-2B LKD	0.15	2.0
02_14-2B3P-2B LKD	0.15	2.0
02_13-1B2P-1B LKD	0.15	2.0
02_04-1B2P-1B LKD	0.15	2.0
02_06-1B2P-1B LKD	0.15	2.0
02_09-3B4P-3B LKD	0.15	2.0
02_10-2B3P-2B LKD	0.15	2.0
02_12-1B1P-1B LKD	0.15	2.0
02_01-3B4P-Bedroom3	0.15	2.0
02_15-2B3P-Bedroom1	0.15	2.0
02_01-3B4P-Bedroom1	0.15	2.0
02_02-2B3P-Bedroom2	0.15	2.0
02_03-2B3P-2B LKD	0.15	2.0
02_04-1B2P-Bedroom	0.15	2.0
02_03-2B3P-Bedroom1	0.15	2.0
02_05-2B3P-Bedroom2	0.15	2.0
02_05-2B3P-2B LKD	0.15	2.0
02_02-2B3P-Bedroom1	0.15	2.0
02_03-2B3P-Bedroom2	0.15	2.0
02_05-2B3P-Bedroom1	0.15	2.0
02_08-2B3P-2B LKD	0.15	2.0
02_08-2B3P-Bedroom2	0.15	2.0
02_07-2B3P-2B LKD	0.15	2.0
02_07-2B3P-Bedroom1	0.15	2.0
02_08-2B3P-Bedroom1	0.15	2.0
02_07-2B3P-Bedroom2	0.15	2.0
02_09-3B4P-Bedroom1	0.15	2.0
02_09-3B4P-Bedroom2	0.15	2.0
02_09-3B4P-Bedroom3	0.15	2.0
02_01-3B4P-Bedroom2	0.15	2.0
02_01-3B4P-3B LKD	0.15	2.0
02_10-2B3P-Bedroom1	0.15	2.0
02_10-2B3P-Bedroom2	0.15	2.0
02_11-1B2P-Bedroom	0.15	2.0
02_11-1B2P-1B LKD	0.15	2.0
02_13-1B2P-Bedroom	0.15	2.0
02_14-2B3P-Bedroom2	0.15	2.0
02_14-2B3P-Bedroom1	0.15	2.0
02_15-2B3P-Bedroom2	0.15	2.0
02_15-2B3P-2B LKD	0.15	2.0

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Room name	Infiltration rate ACH	Mech vent flow rate ACH
02_06-1B2P-Bedroom	0.15	2.0
03_02-2B3P-2B LKD	0.15	2.0
03_14-2B3P-2B LKD	0.15	2.0
03_13-1B2P-1B LKD	0.15	2.0
03_04-1B2P-1B LKD	0.15	2.0
03_06-1B2P-1B LKD	0.15	2.0
03_09-3B4P-3B LKD	0.15	2.0
03_10-2B3P-2B LKD	0.15	2.0
03_12-1B1P-1B LKD	0.15	2.0
03_01-3B4P-Bedroom3	0.15	2.0
03_15-2B3P-Bedroom1	0.15	2.0
03_01-3B4P-Bedroom1	0.15	2.0
03_02-2B3P-Bedroom2	0.15	2.0
03_03-2B3P-2B LKD	0.15	2.0
03_04-1B2P-Bedroom	0.15	2.0
03_03-2B3P-Bedroom1	0.15	2.0
03_05-2B3P-Bedroom2	0.15	2.0
03_05-2B3P-2B LKD	0.15	2.0
03_02-2B3P-Bedroom1	0.15	2.0
03_03-2B3P-Bedroom2	0.15	2.0
03_05-2B3P-Bedroom1	0.15	2.0
03_08-2B3P-2B LKD	0.15	2.0
03_08-2B3P-Bedroom2	0.15	2.0
03_07-2B3P-2B LKD	0.15	2.0
03_07-2B3P-Bedroom1	0.15	2.0
03_08-2B3P-Bedroom1	0.15	2.0
03_07-2B3P-Bedroom2	0.15	2.0
03_09-3B4P-Bedroom1	0.15	2.0
03_09-3B4P-Bedroom2	0.15	2.0
03_09-3B4P-Bedroom3	0.15	2.0
03_01-3B4P-Bedroom2	0.15	2.0
03_01-3B4P-3B LKD	0.15	2.0
03_10-2B3P-Bedroom1	0.15	2.0
03_10-2B3P-Bedroom2	0.15	2.0
03_11-1B2P-Bedroom	0.15	2.0
03_11-1B2P-1B LKD	0.15	2.0
03_13-1B2P-Bedroom	0.15	2.0
03_14-2B3P-Bedroom2	0.15	2.0
03_14-2B3P-Bedroom1	0.15	2.0
03_15-2B3P-Bedroom2	0.15	2.0
03_15-2B3P-2B LKD	0.15	2.0
03_06-1B2P-Bedroom	0.15	2.0

Room name	Infiltration rate ACH	Mech vent flow rate ACH
04_02-2B3P-2B LKD	0.15	2.0
04_14-2B3P-2B LKD	0.15	2.0
04_13-1B2P-1B LKD	0.15	2.0
04_04-1B2P-1B LKD	0.15	2.0
04_06-1B2P-1B LKD	0.15	2.0
04_09-3B4P-3B LKD	0.15	2.0
04_10-2B3P-2B LKD	0.15	2.0
04_12-1B1P-1B LKD	0.15	2.0
04_01-3B4P-Bedroom3	0.15	2.0
04_15-2B3P-Bedroom1	0.15	2.0
04_01-3B4P-Bedroom1	0.15	2.0
04_02-2B3P-Bedroom2	0.15	2.0
04_03-2B3P-2B LKD	0.15	2.0
04_04-1B2P-Bedroom	0.15	2.0
04_03-2B3P-Bedroom1	0.15	2.0
04_05-2B3P-Bedroom2	0.15	2.0
04_05-2B3P-2B LKD	0.15	2.0
04_02-2B3P-Bedroom1	0.15	2.0
04_03-2B3P-Bedroom2	0.15	2.0
04_05-2B3P-Bedroom1	0.15	2.0
04_08-2B3P-2B LKD	0.15	2.0
04_08-2B3P-Bedroom2	0.15	2.0
04_07-2B3P-2B LKD	0.15	2.0
04_07-2B3P-Bedroom1	0.15	2.0
04_08-2B3P-Bedroom1	0.15	2.0
04_07-2B3P-Bedroom2	0.15	2.0
04_09-3B4P-Bedroom1	0.15	2.0
04_09-3B4P-Bedroom2	0.15	2.0
04_09-3B4P-Bedroom3	0.15	2.0
04_01-3B4P-Bedroom2	0.15	2.0
04_01-3B4P-3B LKD	0.15	2.0
04_10-2B3P-Bedroom1	0.15	2.0
04_10-2B3P-Bedroom2	0.15	2.0
04_11-1B2P-Bedroom	0.15	2.0
04_11-1B2P-1B LKD	0.15	2.0
04_13-1B2P-Bedroom	0.15	2.0
04_14-2B3P-Bedroom2	0.15	2.0
04_14-2B3P-Bedroom1	0.15	2.0
04_15-2B3P-Bedroom2	0.15	2.0
04_15-2B3P-2B LKD	0.15	2.0
04_06-1B2P-Bedroom	0.15	2.0
05_02-2B3P-2B LKD	0.15	2.0

Room name	Infiltration rate ACH	Mech vent flow rate ACH
05_14-2B3P-2B LKD	0.15	2.0
05_13-1B2P-1B LKD	0.15	2.0
05_04-1B2P-1B LKD	0.15	2.0
05_06-1B2P-1B LKD	0.15	2.0
05_09-3B4P-3B LKD	0.15	2.0
05_10-2B3P-2B LKD	0.15	2.0
05_12-1B1P-1B LKD	0.15	2.0
05_03-2B3P-2B LKD	0.15	2.0
05_05-2B3P-Bedroom2	0.15	2.0
05_05-2B3P-2B LKD	0.15	2.0
05_05-2B3P-Bedroom1	0.15	2.0
05_08-2B3P-2B LKD	0.15	2.0
05_07-2B3P-2B LKD	0.15	2.0
05_01-3B4P-3B LKD	0.15	2.0
05_15-2B3P-2B LKD	0.15	2.0
05_01-3B4P-Bedroom2	0.15	2.0
05_01-3B4P-Bedroom3	0.15	2.0
05_01-3B4P-Bedroom1	0.15	2.0
05_02-2B3P-Bedroom1	0.15	2.0
05_02-2B3P-Bedroom2	0.15	2.0
05_03-2B3P-Bedroom1	0.15	2.0
05_03-2B3P-Bedroom2	0.15	2.0
05_04-1B2P-Bedroom	0.15	2.0
05_06-1B2P-Bedroom	0.15	2.0
05_07-2B3P-Bedroom2	0.15	2.0
05_07-2B3P-Bedroom1	0.15	2.0
05_08-2B3P-Bedroom2	0.15	2.0
05_08-2B3P-Bedroom1	0.15	2.0
05_09-3B4P-Bedroom1	0.15	2.0
05_09-3B4P-Bedroom2	0.15	2.0
05_09-3B4P-Bedroom3	0.15	2.0
05_10-2B3P-Bedroom1	0.15	2.0
05_10-2B3P-Bedroom2	0.15	2.0
05_11-1B2P-Bedroom	0.15	2.0
05_11-1B2P-1B LKD	0.15	2.0
05_13-1B2P-Bedroom	0.15	2.0
05_14-2B3P-Bedroom2	0.15	2.0
05_14-2B3P-Bedroom1	0.15	2.0
05_15-2B3P-Bedroom2	0.15	2.0
05_15-2B3P-Bedroom1	0.15	2.0
02_12-1B1P-Bedroom	0.15	2.0
03_12-1B1P-Bedroom	0.15	2.0

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Room name	Infiltration rate ACH	Mech vent flow rate ACH
04_12-1B1P-Bedroom	0.15	2.0
05_12-1B1P-Bedroom	0.15	2.0

Approved Document O report
Overheating risk in residential buildings
for
Parrs Wood

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Parrs Wood

Building details

Project name: Parrs Wood	Date: 23-01-2026 12:21:52
Location: Parrs Wood Lane; Manchester; ENG, GB	
Address: Parrs Wood Ln, East Didsbury, Manchester M20 5NP	
Building use: Residential	
Are there any security, noise, or pollution issues: -	

Designer's details

Designer's name: Yaser Azizian
Designer's organisation: Consolux M&E consulting Ltd
Designer's address: 7th Floor, Cotton House, Cotton Exchange Building, Old Hall Street, Liverpool, L3 9LQ

Dynamic thermal model

Software: IESVE version 2025.1.0.0	
Weather file: Manchester_DSY1_2020High50_.epw	
Results file: 2026-01-23-S0.aps	
Number of rooms analysed: 210	
TM59: summer elevated air speed: 0.1	
TM59: occupant category: Category II (normal)	
Overheating mitigation strategy: Openable Windows, MVHR + 0.3l/s.m² +1 ACH Purge	
Has the building construction proposal been modelled accurately?	YES
Have the analysed rooms passed the assessment for Approved Doc O Dynamic Thermal Modelling Method (CIBSE TM 59)?	NO
Designer's signature:	

Summary

CIBSE TM59 overheating methodology for predominantly naturally ventilated rooms assesses against two criteria, (a) and (b) (for Category I occupancy, Tmax is reduced by 1K):

- Criterion (a) states that for living rooms, kitchens and bedrooms, the number of hours during which ΔT is greater than or equal to 1K from May to September (or November to March for southern hemisphere locations) shall not exceed 3% of occupied hours
- Criterion (b) states that the operative temperature of the bedrooms from 22:00-07:00 shall not exceed 26°C for more than 1% of annual hours (33 hours is therefore recorded as a fail). Approved document O applies limits to CIBSE TM59 section 3.3 (openings); these requirements are applied by appropriate assignment of MacroFlo types / scripted profiles in the model (see Modelled Openings Section).

CIBSE TM59 overheating methodology for predominantly mechanically ventilated rooms states the operative temperature of all rooms shall not exceed 26°C for more than 3% of annual occupied hours.

CIBSE TM59 also states that the inclusion of corridors in the overheating analysis is mandatory where community heating pipework runs through them. While there is no mandatory target for communal corridors, if an operative temperature of 28°C is exceeded for more than 3% of the total annual hours this should be identified as a significant risk.

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
01_02-2B3P-2B LKD	Pass	N/A	-	-
01_14-2B3P-2B LKD	Pass	N/A	-	-
01_13-1B2P-1B LKD	Pass	N/A	-	-
01_04-1B2P-1B LKD	Pass	N/A	-	-
01_06-1B2P-1B LKD	Pass	N/A	-	-
01_09-3B4P-3B LKD	Pass	N/A	-	-
01_10-2B3P-2B LKD	Pass	N/A	-	-
01_12-1B1P-1B LKD	Pass	N/A	-	-
01_01-3B4P-Bedroom3	Pass	Pass	-	-
01_15-2B3P-Bedroom1	Pass	Pass	-	-
01_01-3B4P-Bedroom1	Pass	Pass	-	-
01_02-2B3P-Bedroom2	Pass	Fail	-	-
01_03-2B3P-2B LKD	Pass	N/A	-	-
01_04-1B2P-Bedroom	Pass	Pass	-	-
01_03-2B3P-Bedroom1	Pass	Pass	-	-
01_05-2B3P-Bedroom2	Pass	Fail	-	-
01_05-2B3P-2B LKD	Pass	N/A	-	-
01_02-2B3P-Bedroom1	Pass	Pass	-	-
01_03-2B3P-Bedroom2	Pass	Fail	-	-
01_05-2B3P-Bedroom1	Pass	Fail	-	-
01_08-2B3P-2B LKD	Pass	N/A	-	-
01_08-2B3P-Bedroom2	Pass	Fail	-	-
01_07-2B3P-2B LKD	Pass	N/A	-	-
01_07-2B3P-Bedroom1	Pass	Fail	-	-
01_08-2B3P-Bedroom1	Pass	Fail	-	-
01_07-2B3P-Bedroom2	Pass	Fail	-	-
01_09-3B4P-Bedroom1	Pass	Fail	-	-
01_09-3B4P-Bedroom2	Pass	Fail	-	-
01_09-3B4P-Bedroom3	Pass	Fail	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
01_01-3B4P-Bedroom2	Pass	Fail	-	-
01_01-3B4P-3B LKD	Pass	N/A	-	-
01_10-2B3P-Bedroom1	Pass	Pass	-	-
01_10-2B3P-Bedroom2	Pass	Fail	-	-
01_11-1B2P-Bedroom	Pass	Pass	-	-
01_11-1B2P-1B LKD	Pass	N/A	-	-
01_12-1B1P-Bedroom	Pass	Pass	-	-
01_13-1B2P-Bedroom	Pass	Pass	-	-
01_14-2B3P-Bedroom2	Pass	Pass	-	-
01_14-2B3P-Bedroom1	Pass	Pass	-	-
01_15-2B3P-Bedroom2	Pass	Pass	-	-
01_15-2B3P-2B LKD	Pass	N/A	-	-
01_06-1B2P-Bedroom	Pass	Fail	-	-
02_02-2B3P-2B LKD	Pass	N/A	-	-
02_14-2B3P-2B LKD	Pass	N/A	-	-
02_13-1B2P-1B LKD	Pass	N/A	-	-
02_04-1B2P-1B LKD	Pass	N/A	-	-
02_06-1B2P-1B LKD	Pass	N/A	-	-
02_09-3B4P-3B LKD	Pass	N/A	-	-
02_10-2B3P-2B LKD	Pass	N/A	-	-
02_12-1B1P-1B LKD	Pass	N/A	-	-
02_01-3B4P-Bedroom3	Pass	Fail	-	-
02_15-2B3P-Bedroom1	Pass	Fail	-	-
02_01-3B4P-Bedroom1	Pass	Fail	-	-
02_02-2B3P-Bedroom2	Pass	Fail	-	-
02_03-2B3P-2B LKD	Pass	N/A	-	-
02_04-1B2P-Bedroom	Pass	Fail	-	-
02_03-2B3P-Bedroom1	Pass	Fail	-	-
02_05-2B3P-Bedroom2	Pass	Fail	-	-
02_05-2B3P-2B LKD	Pass	N/A	-	-
02_02-2B3P-Bedroom1	Pass	Fail	-	-
02_03-2B3P-Bedroom2	Pass	Fail	-	-
02_05-2B3P-Bedroom1	Pass	Fail	-	-
02_08-2B3P-2B LKD	Pass	N/A	-	-
02_08-2B3P-Bedroom2	Pass	Fail	-	-
02_07-2B3P-2B LKD	Pass	N/A	-	-
02_07-2B3P-Bedroom1	Pass	Fail	-	-
02_08-2B3P-Bedroom1	Pass	Fail	-	-
02_07-2B3P-Bedroom2	Pass	Fail	-	-
02_09-3B4P-Bedroom1	Pass	Fail	-	-
02_09-3B4P-Bedroom2	Pass	Fail	-	-
02_09-3B4P-Bedroom3	Pass	Fail	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
02_01-3B4P-Bedroom2	Pass	Fail	-	-
02_01-3B4P-3B LKD	Pass	N/A	-	-
02_10-2B3P-Bedroom1	Pass	Fail	-	-
02_10-2B3P-Bedroom2	Pass	Fail	-	-
02_11-1B2P-Bedroom	Pass	Fail	-	-
02_11-1B2P-1B LKD	Pass	N/A	-	-
02_13-1B2P-Bedroom	Pass	Pass	-	-
02_14-2B3P-Bedroom2	Pass	Fail	-	-
02_14-2B3P-Bedroom1	Pass	Fail	-	-
02_15-2B3P-Bedroom2	Pass	Fail	-	-
02_15-2B3P-2B LKD	Pass	N/A	-	-
02_06-1B2P-Bedroom	Pass	Fail	-	-
03_02-2B3P-2B LKD	Pass	N/A	-	-
03_14-2B3P-2B LKD	Pass	N/A	-	-
03_13-1B2P-1B LKD	Pass	N/A	-	-
03_04-1B2P-1B LKD	Pass	N/A	-	-
03_06-1B2P-1B LKD	Pass	N/A	-	-
03_09-3B4P-3B LKD	Pass	N/A	-	-
03_10-2B3P-2B LKD	Pass	N/A	-	-
03_12-1B1P-1B LKD	Pass	N/A	-	-
03_01-3B4P-Bedroom3	Pass	Fail	-	-
03_15-2B3P-Bedroom1	Pass	Fail	-	-
03_01-3B4P-Bedroom1	Pass	Fail	-	-
03_02-2B3P-Bedroom2	Pass	Fail	-	-
03_03-2B3P-2B LKD	Pass	N/A	-	-
03_04-1B2P-Bedroom	Pass	Fail	-	-
03_03-2B3P-Bedroom1	Pass	Fail	-	-
03_05-2B3P-Bedroom2	Pass	Fail	-	-
03_05-2B3P-2B LKD	Pass	N/A	-	-
03_02-2B3P-Bedroom1	Pass	Fail	-	-
03_03-2B3P-Bedroom2	Pass	Fail	-	-
03_05-2B3P-Bedroom1	Pass	Fail	-	-
03_08-2B3P-2B LKD	Pass	N/A	-	-
03_08-2B3P-Bedroom2	Pass	Fail	-	-
03_07-2B3P-2B LKD	Pass	N/A	-	-
03_07-2B3P-Bedroom1	Pass	Fail	-	-
03_08-2B3P-Bedroom1	Pass	Fail	-	-
03_07-2B3P-Bedroom2	Pass	Fail	-	-
03_09-3B4P-Bedroom1	Pass	Fail	-	-
03_09-3B4P-Bedroom2	Pass	Fail	-	-
03_09-3B4P-Bedroom3	Pass	Fail	-	-
03_01-3B4P-Bedroom2	Pass	Fail	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
03_01-3B4P-3B LKD	Pass	N/A	-	-
03_10-2B3P-Bedroom1	Pass	Fail	-	-
03_10-2B3P-Bedroom2	Pass	Fail	-	-
03_11-1B2P-Bedroom	Pass	Fail	-	-
03_11-1B2P-1B LKD	Pass	N/A	-	-
03_13-1B2P-Bedroom	Pass	Pass	-	-
03_14-2B3P-Bedroom2	Pass	Fail	-	-
03_14-2B3P-Bedroom1	Pass	Fail	-	-
03_15-2B3P-Bedroom2	Pass	Fail	-	-
03_15-2B3P-2B LKD	Pass	N/A	-	-
03_06-1B2P-Bedroom	Pass	Fail	-	-
04_02-2B3P-2B LKD	Pass	N/A	-	-
04_14-2B3P-2B LKD	Pass	N/A	-	-
04_13-1B2P-1B LKD	Pass	N/A	-	-
04_04-1B2P-1B LKD	Pass	N/A	-	-
04_06-1B2P-1B LKD	Pass	N/A	-	-
04_09-3B4P-3B LKD	Pass	N/A	-	-
04_10-2B3P-2B LKD	Pass	N/A	-	-
04_12-1B1P-1B LKD	Pass	N/A	-	-
04_01-3B4P-Bedroom3	Pass	Fail	-	-
04_15-2B3P-Bedroom1	Pass	Fail	-	-
04_01-3B4P-Bedroom1	Pass	Fail	-	-
04_02-2B3P-Bedroom2	Pass	Fail	-	-
04_03-2B3P-2B LKD	Pass	N/A	-	-
04_04-1B2P-Bedroom	Pass	Fail	-	-
04_03-2B3P-Bedroom1	Pass	Fail	-	-
04_05-2B3P-Bedroom2	Pass	Fail	-	-
04_05-2B3P-2B LKD	Pass	N/A	-	-
04_02-2B3P-Bedroom1	Pass	Fail	-	-
04_03-2B3P-Bedroom2	Pass	Fail	-	-
04_05-2B3P-Bedroom1	Pass	Fail	-	-
04_08-2B3P-2B LKD	Pass	N/A	-	-
04_08-2B3P-Bedroom2	Pass	Fail	-	-
04_07-2B3P-2B LKD	Pass	N/A	-	-
04_07-2B3P-Bedroom1	Pass	Fail	-	-
04_08-2B3P-Bedroom1	Pass	Fail	-	-
04_07-2B3P-Bedroom2	Pass	Fail	-	-
04_09-3B4P-Bedroom1	Pass	Fail	-	-
04_09-3B4P-Bedroom2	Pass	Fail	-	-
04_09-3B4P-Bedroom3	Pass	Fail	-	-
04_01-3B4P-Bedroom2	Pass	Fail	-	-
04_01-3B4P-3B LKD	Pass	N/A	-	-

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
04_10-2B3P-Bedroom1	Pass	Fail	-	-
04_10-2B3P-Bedroom2	Pass	Fail	-	-
04_11-1B2P-Bedroom	Pass	Fail	-	-
04_11-1B2P-1B LKD	Pass	N/A	-	-
04_13-1B2P-Bedroom	Pass	Fail	-	-
04_14-2B3P-Bedroom2	Pass	Fail	-	-
04_14-2B3P-Bedroom1	Pass	Fail	-	-
04_15-2B3P-Bedroom2	Pass	Fail	-	-
04_15-2B3P-2B LKD	Pass	N/A	-	-
04_06-1B2P-Bedroom	Pass	Fail	-	-
05_02-2B3P-2B LKD	Pass	N/A	-	-
05_14-2B3P-2B LKD	Pass	N/A	-	-
05_13-1B2P-1B LKD	Pass	N/A	-	-
05_04-1B2P-1B LKD	Pass	N/A	-	-
05_06-1B2P-1B LKD	Pass	N/A	-	-
05_09-3B4P-3B LKD	Pass	N/A	-	-
05_10-2B3P-2B LKD	Pass	N/A	-	-
05_12-1B1P-1B LKD	Pass	N/A	-	-
05_03-2B3P-2B LKD	Pass	N/A	-	-
05_05-2B3P-Bedroom2	Pass	Fail	-	-
05_05-2B3P-2B LKD	Pass	N/A	-	-
05_05-2B3P-Bedroom1	Pass	Fail	-	-
05_08-2B3P-2B LKD	Pass	N/A	-	-
05_07-2B3P-2B LKD	Pass	N/A	-	-
05_01-3B4P-3B LKD	Pass	N/A	-	-
05_15-2B3P-2B LKD	Pass	N/A	-	-
05_01-3B4P-Bedroom2	Pass	Fail	-	-
05_01-3B4P-Bedroom3	Pass	Fail	-	-
05_01-3B4P-Bedroom1	Pass	Fail	-	-
05_02-2B3P-Bedroom1	Pass	Fail	-	-
05_02-2B3P-Bedroom2	Pass	Fail	-	-
05_03-2B3P-Bedroom1	Pass	Fail	-	-
05_03-2B3P-Bedroom2	Pass	Fail	-	-
05_04-1B2P-Bedroom	Pass	Fail	-	-
05_06-1B2P-Bedroom	Pass	Fail	-	-
05_07-2B3P-Bedroom2	Pass	Fail	-	-
05_07-2B3P-Bedroom1	Pass	Fail	-	-
05_08-2B3P-Bedroom2	Pass	Fail	-	-
05_08-2B3P-Bedroom1	Pass	Fail	-	-
05_09-3B4P-Bedroom1	Pass	Fail	-	-
05_09-3B4P-Bedroom2	Pass	Fail	-	-
05_09-3B4P-Bedroom3	Pass	Fail	-	-

Parrs Wood

Room name	Naturally ventilated Criterion a check	Naturally ventilated Criterion b check	Mechanically ventilated check	Corridor overheating risk check
05_10-2B3P-Bedroom1	Pass	Fail	-	-
05_10-2B3P-Bedroom2	Pass	Fail	-	-
05_11-1B2P-Bedroom	Pass	Fail	-	-
05_11-1B2P-1B LKD	Pass	N/A	-	-
05_13-1B2P-Bedroom	Pass	Pass	-	-
05_14-2B3P-Bedroom2	Pass	Fail	-	-
05_14-2B3P-Bedroom1	Pass	Fail	-	-
05_15-2B3P-Bedroom2	Pass	Fail	-	-
05_15-2B3P-Bedroom1	Pass	Fail	-	-
02_12-1B1P-Bedroom	Pass	Fail	-	-
03_12-1B1P-Bedroom	Pass	Fail	-	-
04_12-1B1P-Bedroom	Pass	Fail	-	-
05_12-1B1P-Bedroom	Pass	Fail	-	-

Naturally ventilated rooms – criterion (a)

Criterion (a) states that for living rooms, kitchens and bedrooms, the number of hours during which ΔT is greater than or equal to 1K from May to September (or November to March for southern hemisphere locations) shall not exceed 3% of occupied hours.

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
01_02-2B3P-2B LKD	1989	5	0.3	Pass
01_14-2B3P-2B LKD	1989	1	0.1	Pass
01_13-1B2P-1B LKD	1989	0	0.0	Pass
01_04-1B2P-1B LKD	1989	7	0.4	Pass
01_06-1B2P-1B LKD	1989	40	2.0	Pass
01_09-3B4P-3B LKD	1989	27	1.4	Pass
01_10-2B3P-2B LKD	1989	5	0.3	Pass
01_12-1B1P-1B LKD	1989	0	0.0	Pass
01_01-3B4P-Bedroom3	3672	4	0.1	Pass
01_15-2B3P-Bedroom1	3672	0	0.0	Pass
01_01-3B4P-Bedroom1	3672	2	0.1	Pass
01_02-2B3P-Bedroom2	3672	8	0.2	Pass
01_03-2B3P-2B LKD	1989	5	0.3	Pass
01_04-1B2P-Bedroom	3672	6	0.2	Pass
01_03-2B3P-Bedroom1	3672	0	0.0	Pass
01_05-2B3P-Bedroom2	3672	13	0.4	Pass
01_05-2B3P-2B LKD	1989	26	1.3	Pass
01_02-2B3P-Bedroom1	3672	5	0.1	Pass
01_03-2B3P-Bedroom2	3672	10	0.3	Pass
01_05-2B3P-Bedroom1	3672	46	1.3	Pass
01_08-2B3P-2B LKD	1989	36	1.8	Pass
01_08-2B3P-Bedroom2	3672	44	1.2	Pass
01_07-2B3P-2B LKD	1989	36	1.8	Pass
01_07-2B3P-Bedroom1	3672	31	0.8	Pass
01_08-2B3P-Bedroom1	3672	40	1.1	Pass
01_07-2B3P-Bedroom2	3672	50	1.4	Pass
01_09-3B4P-Bedroom1	3672	30	0.8	Pass
01_09-3B4P-Bedroom2	3672	37	1.0	Pass
01_09-3B4P-Bedroom3	3672	20	0.5	Pass
01_01-3B4P-Bedroom2	3672	9	0.2	Pass
01_01-3B4P-3B LKD	1989	5	0.3	Pass
01_10-2B3P-Bedroom1	3672	0	0.0	Pass
01_10-2B3P-Bedroom2	3672	2	0.1	Pass
01_11-1B2P-Bedroom	3672	0	0.0	Pass
01_11-1B2P-1B LKD	1989	0	0.0	Pass
01_12-1B1P-Bedroom	3672	0	0.0	Pass
01_13-1B2P-Bedroom	3672	0	0.0	Pass

Parrs Wood

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
01_14-2B3P-Bedroom2	3672	0	0.0	Pass
01_14-2B3P-Bedroom1	3672	0	0.0	Pass
01_15-2B3P-Bedroom2	3672	0	0.0	Pass
01_15-2B3P-2B LKD	1989	2	0.1	Pass
01_06-1B2P-Bedroom	3672	41	1.1	Pass
02_02-2B3P-2B LKD	1989	7	0.4	Pass
02_14-2B3P-2B LKD	1989	3	0.2	Pass
02_13-1B2P-1B LKD	1989	0	0.0	Pass
02_04-1B2P-1B LKD	1989	12	0.6	Pass
02_06-1B2P-1B LKD	1989	41	2.1	Pass
02_09-3B4P-3B LKD	1989	34	1.7	Pass
02_10-2B3P-2B LKD	1989	7	0.4	Pass
02_12-1B1P-1B LKD	1989	0	0.0	Pass
02_01-3B4P-Bedroom3	3672	10	0.3	Pass
02_15-2B3P-Bedroom1	3672	5	0.1	Pass
02_01-3B4P-Bedroom1	3672	8	0.2	Pass
02_02-2B3P-Bedroom2	3672	20	0.5	Pass
02_03-2B3P-2B LKD	1989	8	0.4	Pass
02_04-1B2P-Bedroom	3672	17	0.5	Pass
02_03-2B3P-Bedroom1	3672	7	0.2	Pass
02_05-2B3P-Bedroom2	3672	14	0.4	Pass
02_05-2B3P-2B LKD	1989	28	1.4	Pass
02_02-2B3P-Bedroom1	3672	16	0.4	Pass
02_03-2B3P-Bedroom2	3672	21	0.6	Pass
02_05-2B3P-Bedroom1	3672	50	1.4	Pass
02_08-2B3P-2B LKD	1989	42	2.1	Pass
02_08-2B3P-Bedroom2	3672	54	1.5	Pass
02_07-2B3P-2B LKD	1989	42	2.1	Pass
02_07-2B3P-Bedroom1	3672	42	1.1	Pass
02_08-2B3P-Bedroom1	3672	48	1.3	Pass
02_07-2B3P-Bedroom2	3672	58	1.6	Pass
02_09-3B4P-Bedroom1	3672	41	1.1	Pass
02_09-3B4P-Bedroom2	3672	46	1.3	Pass
02_09-3B4P-Bedroom3	3672	24	0.7	Pass
02_01-3B4P-Bedroom2	3672	18	0.5	Pass
02_01-3B4P-3B LKD	1989	7	0.4	Pass
02_10-2B3P-Bedroom1	3672	4	0.1	Pass
02_10-2B3P-Bedroom2	3672	6	0.2	Pass
02_11-1B2P-Bedroom	3672	1	0.0	Pass
02_11-1B2P-1B LKD	1989	1	0.1	Pass
02_13-1B2P-Bedroom	3672	0	0.0	Pass
02_14-2B3P-Bedroom2	3672	1	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
02_14-2B3P-Bedroom1	3672	0	0.0	Pass
02_15-2B3P-Bedroom2	3672	3	0.1	Pass
02_15-2B3P-2B LKD	1989	4	0.2	Pass
02_06-1B2P-Bedroom	3672	44	1.2	Pass
03_02-2B3P-2B LKD	1989	9	0.5	Pass
03_14-2B3P-2B LKD	1989	3	0.2	Pass
03_13-1B2P-1B LKD	1989	0	0.0	Pass
03_04-1B2P-1B LKD	1989	13	0.7	Pass
03_06-1B2P-1B LKD	1989	41	2.1	Pass
03_09-3B4P-3B LKD	1989	34	1.7	Pass
03_10-2B3P-2B LKD	1989	7	0.4	Pass
03_12-1B1P-1B LKD	1989	0	0.0	Pass
03_01-3B4P-Bedroom3	3672	10	0.3	Pass
03_15-2B3P-Bedroom1	3672	5	0.1	Pass
03_01-3B4P-Bedroom1	3672	11	0.3	Pass
03_02-2B3P-Bedroom2	3672	21	0.6	Pass
03_03-2B3P-2B LKD	1989	9	0.5	Pass
03_04-1B2P-Bedroom	3672	18	0.5	Pass
03_03-2B3P-Bedroom1	3672	7	0.2	Pass
03_05-2B3P-Bedroom2	3672	14	0.4	Pass
03_05-2B3P-2B LKD	1989	28	1.4	Pass
03_02-2B3P-Bedroom1	3672	18	0.5	Pass
03_03-2B3P-Bedroom2	3672	22	0.6	Pass
03_05-2B3P-Bedroom1	3672	50	1.4	Pass
03_08-2B3P-2B LKD	1989	42	2.1	Pass
03_08-2B3P-Bedroom2	3672	55	1.5	Pass
03_07-2B3P-2B LKD	1989	42	2.1	Pass
03_07-2B3P-Bedroom1	3672	44	1.2	Pass
03_08-2B3P-Bedroom1	3672	48	1.3	Pass
03_07-2B3P-Bedroom2	3672	58	1.6	Pass
03_09-3B4P-Bedroom1	3672	41	1.1	Pass
03_09-3B4P-Bedroom2	3672	48	1.3	Pass
03_09-3B4P-Bedroom3	3672	24	0.7	Pass
03_01-3B4P-Bedroom2	3672	18	0.5	Pass
03_01-3B4P-3B LKD	1989	7	0.4	Pass
03_10-2B3P-Bedroom1	3672	5	0.1	Pass
03_10-2B3P-Bedroom2	3672	7	0.2	Pass
03_11-1B2P-Bedroom	3672	4	0.1	Pass
03_11-1B2P-1B LKD	1989	2	0.1	Pass
03_13-1B2P-Bedroom	3672	0	0.0	Pass
03_14-2B3P-Bedroom2	3672	1	0.0	Pass
03_14-2B3P-Bedroom1	3672	1	0.0	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
03_15-2B3P-Bedroom2	3672	4	0.1	Pass
03_15-2B3P-2B LKD	1989	6	0.3	Pass
03_06-1B2P-Bedroom	3672	44	1.2	Pass
04_02-2B3P-2B LKD	1989	7	0.4	Pass
04_14-2B3P-2B LKD	1989	6	0.3	Pass
04_13-1B2P-1B LKD	1989	0	0.0	Pass
04_04-1B2P-1B LKD	1989	13	0.7	Pass
04_06-1B2P-1B LKD	1989	41	2.1	Pass
04_09-3B4P-3B LKD	1989	26	1.3	Pass
04_10-2B3P-2B LKD	1989	7	0.4	Pass
04_12-1B1P-1B LKD	1989	1	0.1	Pass
04_01-3B4P-Bedroom3	3672	9	0.2	Pass
04_15-2B3P-Bedroom1	3672	6	0.2	Pass
04_01-3B4P-Bedroom1	3672	6	0.2	Pass
04_02-2B3P-Bedroom2	3672	18	0.5	Pass
04_03-2B3P-2B LKD	1989	7	0.4	Pass
04_04-1B2P-Bedroom	3672	15	0.4	Pass
04_03-2B3P-Bedroom1	3672	6	0.2	Pass
04_05-2B3P-Bedroom2	3672	14	0.4	Pass
04_05-2B3P-2B LKD	1989	28	1.4	Pass
04_02-2B3P-Bedroom1	3672	9	0.2	Pass
04_03-2B3P-Bedroom2	3672	20	0.5	Pass
04_05-2B3P-Bedroom1	3672	49	1.3	Pass
04_08-2B3P-2B LKD	1989	34	1.7	Pass
04_08-2B3P-Bedroom2	3672	51	1.4	Pass
04_07-2B3P-2B LKD	1989	34	1.7	Pass
04_07-2B3P-Bedroom1	3672	38	1.0	Pass
04_08-2B3P-Bedroom1	3672	46	1.3	Pass
04_07-2B3P-Bedroom2	3672	52	1.4	Pass
04_09-3B4P-Bedroom1	3672	37	1.0	Pass
04_09-3B4P-Bedroom2	3672	44	1.2	Pass
04_09-3B4P-Bedroom3	3672	22	0.6	Pass
04_01-3B4P-Bedroom2	3672	17	0.5	Pass
04_01-3B4P-3B LKD	1989	7	0.4	Pass
04_10-2B3P-Bedroom1	3672	5	0.1	Pass
04_10-2B3P-Bedroom2	3672	7	0.2	Pass
04_11-1B2P-Bedroom	3672	4	0.1	Pass
04_11-1B2P-1B LKD	1989	3	0.2	Pass
04_13-1B2P-Bedroom	3672	0	0.0	Pass
04_14-2B3P-Bedroom2	3672	3	0.1	Pass
04_14-2B3P-Bedroom1	3672	1	0.0	Pass
04_15-2B3P-Bedroom2	3672	4	0.1	Pass

Parrs Wood

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
04_15-2B3P-2B LKD	1989	7	0.4	Pass
04_06-1B2P-Bedroom	3672	44	1.2	Pass
05_02-2B3P-2B LKD	1989	5	0.3	Pass
05_14-2B3P-2B LKD	1989	8	0.4	Pass
05_13-1B2P-1B LKD	1989	0	0.0	Pass
05_04-1B2P-1B LKD	1989	8	0.4	Pass
05_06-1B2P-1B LKD	1989	40	2.0	Pass
05_09-3B4P-3B LKD	1989	31	1.6	Pass
05_10-2B3P-2B LKD	1989	7	0.4	Pass
05_12-1B1P-1B LKD	1989	1	0.1	Pass
05_03-2B3P-2B LKD	1989	8	0.4	Pass
05_05-2B3P-Bedroom2	3672	11	0.3	Pass
05_05-2B3P-2B LKD	1989	23	1.2	Pass
05_05-2B3P-Bedroom1	3672	42	1.1	Pass
05_08-2B3P-2B LKD	1989	40	2.0	Pass
05_07-2B3P-2B LKD	1989	40	2.0	Pass
05_01-3B4P-3B LKD	1989	5	0.3	Pass
05_15-2B3P-2B LKD	1989	8	0.4	Pass
05_01-3B4P-Bedroom2	3672	17	0.5	Pass
05_01-3B4P-Bedroom3	3672	8	0.2	Pass
05_01-3B4P-Bedroom1	3672	7	0.2	Pass
05_02-2B3P-Bedroom1	3672	10	0.3	Pass
05_02-2B3P-Bedroom2	3672	19	0.5	Pass
05_03-2B3P-Bedroom1	3672	11	0.3	Pass
05_03-2B3P-Bedroom2	3672	19	0.5	Pass
05_04-1B2P-Bedroom	3672	11	0.3	Pass
05_06-1B2P-Bedroom	3672	41	1.1	Pass
05_07-2B3P-Bedroom2	3672	52	1.4	Pass
05_07-2B3P-Bedroom1	3672	43	1.2	Pass
05_08-2B3P-Bedroom2	3672	51	1.4	Pass
05_08-2B3P-Bedroom1	3672	43	1.2	Pass
05_09-3B4P-Bedroom1	3672	37	1.0	Pass
05_09-3B4P-Bedroom2	3672	43	1.2	Pass
05_09-3B4P-Bedroom3	3672	23	0.6	Pass
05_10-2B3P-Bedroom1	3672	4	0.1	Pass
05_10-2B3P-Bedroom2	3672	5	0.1	Pass
05_11-1B2P-Bedroom	3672	3	0.1	Pass
05_11-1B2P-1B LKD	1989	3	0.2	Pass
05_13-1B2P-Bedroom	3672	0	0.0	Pass
05_14-2B3P-Bedroom2	3672	3	0.1	Pass
05_14-2B3P-Bedroom1	3672	4	0.1	Pass
05_15-2B3P-Bedroom2	3672	6	0.2	Pass

Room name	Occupied hours	No. hours ΔT ≥ 1°K	% Occupied hours ΔT ≥ 1°K	Criterion a check
05_15-2B3P-Bedroom1	3672	7	0.2	Pass
02_12-1B1P-Bedroom	3672	0	0.0	Pass
03_12-1B1P-Bedroom	3672	0	0.0	Pass
04_12-1B1P-Bedroom	3672	2	0.1	Pass
05_12-1B1P-Bedroom	3672	3	0.1	Pass

Naturally ventilated rooms – criterion (b)

Criterion (b) states that the operative temperature of the bedrooms from 22:00-07:00 shall not exceed 26°C for more than 1% of annual hours (33 hours is therefore recorded as a fail). Any rooms that are not bedrooms are therefore not assessed, hence the corresponding N/A values.

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
01_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
01_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
01_01-3B4P-Bedroom3	7	19	26	Pass
01_15-2B3P-Bedroom1	10	8	18	Pass
01_01-3B4P-Bedroom1	10	11	21	Pass
01_02-2B3P-Bedroom2	14	20	34	Fail
01_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_04-1B2P-Bedroom	12	19	31	Pass
01_03-2B3P-Bedroom1	12	18	30	Pass
01_05-2B3P-Bedroom2	11	30	41	Fail
01_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_02-2B3P-Bedroom1	12	16	28	Pass
01_03-2B3P-Bedroom2	14	25	39	Fail
01_05-2B3P-Bedroom1	20	46	66	Fail
01_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_08-2B3P-Bedroom2	18	38	56	Fail
01_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_07-2B3P-Bedroom1	16	32	48	Fail
01_08-2B3P-Bedroom1	17	31	48	Fail
01_07-2B3P-Bedroom2	18	41	59	Fail
01_09-3B4P-Bedroom1	16	29	45	Fail
01_09-3B4P-Bedroom2	21	43	64	Fail
01_09-3B4P-Bedroom3	14	35	49	Fail
01_01-3B4P-Bedroom2	11	22	33	Fail
01_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
01_10-2B3P-Bedroom1	13	17	30	Pass
01_10-2B3P-Bedroom2	13	20	33	Fail
01_11-1B2P-Bedroom	11	14	25	Pass
01_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
01_12-1B1P-Bedroom	11	11	22	Pass
01_13-1B2P-Bedroom	9	4	13	Pass

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
01_14-2B3P-Bedroom2	11	11	22	Pass
01_14-2B3P-Bedroom1	11	8	19	Pass
01_15-2B3P-Bedroom2	11	11	22	Pass
01_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
01_06-1B2P-Bedroom	18	39	57	Fail
02_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
02_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
02_01-3B4P-Bedroom3	12	41	53	Fail
02_15-2B3P-Bedroom1	15	25	40	Fail
02_01-3B4P-Bedroom1	13	34	47	Fail
02_02-2B3P-Bedroom2	17	43	60	Fail
02_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_04-1B2P-Bedroom	16	36	52	Fail
02_03-2B3P-Bedroom1	16	37	53	Fail
02_05-2B3P-Bedroom2	11	34	45	Fail
02_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_02-2B3P-Bedroom1	16	36	52	Fail
02_03-2B3P-Bedroom2	17	44	61	Fail
02_05-2B3P-Bedroom1	21	54	75	Fail
02_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_08-2B3P-Bedroom2	23	60	83	Fail
02_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_07-2B3P-Bedroom1	21	53	74	Fail
02_08-2B3P-Bedroom1	21	53	74	Fail
02_07-2B3P-Bedroom2	22	60	82	Fail
02_09-3B4P-Bedroom1	21	50	71	Fail
02_09-3B4P-Bedroom2	23	62	85	Fail
02_09-3B4P-Bedroom3	19	51	70	Fail
02_01-3B4P-Bedroom2	13	41	54	Fail
02_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
02_10-2B3P-Bedroom1	16	35	51	Fail
02_10-2B3P-Bedroom2	16	38	54	Fail
02_11-1B2P-Bedroom	14	28	42	Fail
02_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
02_13-1B2P-Bedroom	11	16	27	Pass
02_14-2B3P-Bedroom2	14	27	41	Fail

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
02_14-2B3P-Bedroom1	14	25	39	Fail
02_15-2B3P-Bedroom2	15	29	44	Fail
02_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
02_06-1B2P-Bedroom	21	52	73	Fail
03_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
03_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
03_01-3B4P-Bedroom3	12	45	57	Fail
03_15-2B3P-Bedroom1	16	26	42	Fail
03_01-3B4P-Bedroom1	13	35	48	Fail
03_02-2B3P-Bedroom2	17	45	62	Fail
03_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_04-1B2P-Bedroom	16	36	52	Fail
03_03-2B3P-Bedroom1	16	40	56	Fail
03_05-2B3P-Bedroom2	11	34	45	Fail
03_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_02-2B3P-Bedroom1	16	38	54	Fail
03_03-2B3P-Bedroom2	17	45	62	Fail
03_05-2B3P-Bedroom1	21	54	75	Fail
03_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_08-2B3P-Bedroom2	23	60	83	Fail
03_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_07-2B3P-Bedroom1	22	54	76	Fail
03_08-2B3P-Bedroom1	21	54	75	Fail
03_07-2B3P-Bedroom2	23	60	83	Fail
03_09-3B4P-Bedroom1	21	53	74	Fail
03_09-3B4P-Bedroom2	23	63	86	Fail
03_09-3B4P-Bedroom3	19	53	72	Fail
03_01-3B4P-Bedroom2	13	45	58	Fail
03_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
03_10-2B3P-Bedroom1	16	40	56	Fail
03_10-2B3P-Bedroom2	16	39	55	Fail
03_11-1B2P-Bedroom	15	31	46	Fail
03_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
03_13-1B2P-Bedroom	13	19	32	Pass
03_14-2B3P-Bedroom2	14	29	43	Fail
03_14-2B3P-Bedroom1	15	29	44	Fail

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
03_15-2B3P-Bedroom2	15	30	45	Fail
03_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
03_06-1B2P-Bedroom	21	53	74	Fail
04_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
04_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
04_01-3B4P-Bedroom3	12	45	57	Fail
04_15-2B3P-Bedroom1	16	26	42	Fail
04_01-3B4P-Bedroom1	13	35	48	Fail
04_02-2B3P-Bedroom2	16	45	61	Fail
04_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_04-1B2P-Bedroom	16	36	52	Fail
04_03-2B3P-Bedroom1	16	37	53	Fail
04_05-2B3P-Bedroom2	11	34	45	Fail
04_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_02-2B3P-Bedroom1	16	36	52	Fail
04_03-2B3P-Bedroom2	17	45	62	Fail
04_05-2B3P-Bedroom1	21	54	75	Fail
04_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_08-2B3P-Bedroom2	22	60	82	Fail
04_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_07-2B3P-Bedroom1	21	53	74	Fail
04_08-2B3P-Bedroom1	21	53	74	Fail
04_07-2B3P-Bedroom2	22	60	82	Fail
04_09-3B4P-Bedroom1	21	50	71	Fail
04_09-3B4P-Bedroom2	23	62	85	Fail
04_09-3B4P-Bedroom3	19	51	70	Fail
04_01-3B4P-Bedroom2	13	45	58	Fail
04_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
04_10-2B3P-Bedroom1	16	40	56	Fail
04_10-2B3P-Bedroom2	16	39	55	Fail
04_11-1B2P-Bedroom	16	31	47	Fail
04_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
04_13-1B2P-Bedroom	13	20	33	Fail
04_14-2B3P-Bedroom2	15	29	44	Fail
04_14-2B3P-Bedroom1	15	29	44	Fail
04_15-2B3P-Bedroom2	15	32	47	Fail

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
04_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
04_06-1B2P-Bedroom	21	52	73	Fail
05_02-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_14-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_13-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_04-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_06-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_09-3B4P-3B LKD	N/A	N/A	N/A	N/A
05_10-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_12-1B1P-1B LKD	N/A	N/A	N/A	N/A
05_03-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_05-2B3P-Bedroom2	11	31	42	Fail
05_05-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_05-2B3P-Bedroom1	20	48	68	Fail
05_08-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_07-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_01-3B4P-3B LKD	N/A	N/A	N/A	N/A
05_15-2B3P-2B LKD	N/A	N/A	N/A	N/A
05_01-3B4P-Bedroom2	16	47	63	Fail
05_01-3B4P-Bedroom3	13	45	58	Fail
05_01-3B4P-Bedroom1	15	34	49	Fail
05_02-2B3P-Bedroom1	16	36	52	Fail
05_02-2B3P-Bedroom2	16	43	59	Fail
05_03-2B3P-Bedroom1	16	36	52	Fail
05_03-2B3P-Bedroom2	16	44	60	Fail
05_04-1B2P-Bedroom	16	35	51	Fail
05_06-1B2P-Bedroom	18	47	65	Fail
05_07-2B3P-Bedroom2	22	57	79	Fail
05_07-2B3P-Bedroom1	20	49	69	Fail
05_08-2B3P-Bedroom2	22	57	79	Fail
05_08-2B3P-Bedroom1	20	48	68	Fail
05_09-3B4P-Bedroom1	19	48	67	Fail
05_09-3B4P-Bedroom2	23	62	85	Fail
05_09-3B4P-Bedroom3	16	49	65	Fail
05_10-2B3P-Bedroom1	16	39	55	Fail
05_10-2B3P-Bedroom2	16	39	55	Fail
05_11-1B2P-Bedroom	15	31	46	Fail
05_11-1B2P-1B LKD	N/A	N/A	N/A	N/A
05_13-1B2P-Bedroom	13	17	30	Pass
05_14-2B3P-Bedroom2	14	28	42	Fail
05_14-2B3P-Bedroom1	14	28	42	Fail
05_15-2B3P-Bedroom2	16	32	48	Fail

Room name	No. hours > 26°C 22:00-24:00	No. hours > 26°C 00:00-07:00	Total hours > 26°C	Criterion b check
05_15-2B3P-Bedroom1	16	28	44	Fail
02_12-1B1P-Bedroom	13	21	34	Fail
03_12-1B1P-Bedroom	14	25	39	Fail
04_12-1B1P-Bedroom	14	27	41	Fail
05_12-1B1P-Bedroom	14	27	41	Fail

Mechanically ventilated rooms

CIBSE TM59 overheating methodology for predominantly mech. vent. rooms states the operative temperature of all rooms shall not exceed 26°C for more than 3% of annual occupied hours.

Room name	No. hours > 26°C	% Annual hours > 26°C	Mechanically ventilated check
No mech vent rooms	N/A	N/A	N/A

Communal corridors

CIBSE TM59 states that whilst there is no mandatory target for communal corridors, if an operative temperature of 28°C is exceeded for more than 3% of annual hours, then this should be identified as a significant risk within the TM59 overheating report.

Room name	No. hours > 28°C	% Annual hours > 28°C	Corridor overheating risk check
No corridors	N/A	N/A	N/A

Modelled details & overheating mitigation strategy

Approved document O: Providing Information & Appendix B requires information about the model and the overheating mitigation strategy. The following tables detail the modelling method and mitigation strategies applied to each analysed room. Where multiple active openings per space (windows & louvres) exist they are all listed. Occupancy, equipment and lighting profiles for occupied rooms comply with TM59 section 5.

Modelled occupancy

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Parrs Wood

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
01_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
01_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
01_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
02_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
02_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
02_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
03_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
03_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
04_01-3B4P-Bedroom3	10.53	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-Bedroom1	16.98	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-Bedroom1	16.02	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_02-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_04-1B2P-Bedroom	16.91	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_02-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_03-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_08-2B3P-Bedroom2	14.04	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_07-2B3P-Bedroom1	16.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_08-2B3P-Bedroom1	15.9	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_07-2B3P-Bedroom2	13.68	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_09-3B4P-Bedroom1	16.17	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_09-3B4P-Bedroom2	14.03	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
04_09-3B4P-Bedroom3	10.64	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-Bedroom2	14.05	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_10-2B3P-Bedroom1	16.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_10-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_11-1B2P-Bedroom	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_11-1B2P-1B LKD	31.95	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_13-1B2P-Bedroom	17.71	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_14-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_14-2B3P-Bedroom1	15.66	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-Bedroom2	13.92	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
04_06-1B2P-Bedroom	17.18	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_02-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_14-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_13-1B2P-1B LKD	29.31	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_04-1B2P-1B LKD	30.88	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h

Parrs Wood

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
05_06-1B2P-1B LKD	30.91	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_09-3B4P-3B LKD	30.65	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_10-2B3P-2B LKD	25.24	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_12-1B1P-1B LKD	24.0	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_03-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_05-2B3P-Bedroom2	13.08	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_05-2B3P-2B LKD	35.7	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_05-2B3P-Bedroom1	13.29	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_07-2B3P-2B LKD	25.53	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_01-3B4P-3B LKD	31.24	TM59 - 3 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_15-2B3P-2B LKD	26.26	TM59 - 2 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_01-3B4P-Bedroom2	13.22	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_01-3B4P-Bedroom3	10.26	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_01-3B4P-Bedroom1	15.7	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
05_02-2B3P-Bedroom1	15.59	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_02-2B3P-Bedroom2	13.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_03-2B3P-Bedroom1	15.97	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_03-2B3P-Bedroom2	13.38	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_04-1B2P-Bedroom	16.58	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_06-1B2P-Bedroom	16.84	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_07-2B3P-Bedroom2	13.38	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_07-2B3P-Bedroom1	15.97	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-Bedroom2	13.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_08-2B3P-Bedroom1	15.59	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom1	15.86	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom2	13.2	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_09-3B4P-Bedroom3	10.36	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_10-2B3P-Bedroom1	15.76	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_10-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_11-1B2P-Bedroom	15.37	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_11-1B2P-1B LKD	31.78	TM59 - 1 Bedroom - Living / Kitchen MVHR 1ach	Living / Kitchen Occupancy	Living / Kitchen Equipment	18-23h
05_13-1B2P-Bedroom	17.26	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_14-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_14-2B3P-Bedroom1	15.37	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_15-2B3P-Bedroom2	13.63	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_15-2B3P-Bedroom1	16.12	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
02_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Room name	Floor area m²	Thermal template	Occupancy profile	Equipment profile	Lighting profile
03_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
04_12-1B1P-Bedroom	14.73	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h
05_12-1B1P-Bedroom	14.4	TM59 - Bedrooms MVHR 1ach	Double Bedroom Occupancy	Double Bedroom Equipment	18-23h

Modelled openings

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
01_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
01_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
01_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
01_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
01_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
01_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
01_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
01_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
01_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
01_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
01_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
01_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
01_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
01_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
01_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
01_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
01_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
01_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
01_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
01_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
01_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
01_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
01_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
01_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
01_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
01_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
01_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
01_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
01_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
01_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
01_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
01_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
01_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
01_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
01_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
01_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
02_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
02_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
02_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
02_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
02_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
02_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
02_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
02_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
02_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
02_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
02_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
02_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
02_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
02_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
02_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
02_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
02_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
02_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
02_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
02_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
02_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
02_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
02_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
02_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
02_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
02_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
02_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
02_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
02_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
02_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
02_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
02_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
02_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
03_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
03_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
03_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
03_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
03_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
03_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
03_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
03_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
03_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
03_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
03_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
03_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
03_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
03_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
03_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
03_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
03_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
03_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
03_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
03_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
03_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
03_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
03_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
03_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
03_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
03_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
03_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
03_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
03_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
03_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
03_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
03_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
03_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
03_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
03_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
04_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
04_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
04_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
04_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
04_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
04_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
04_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
04_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
04_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.79	ADO.Section_26a, off continuously
04_15-2B3P-Bedroom1	16.17	0.63, 0.63	1.91, 1.91, 1.32, 0.94, 2.06	80.0, 80.0, 90.0, 0.0, 0.0	24.99	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_01-3B4P-Bedroom1	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.49	ADO.Section_26a, off continuously
04_02-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
04_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_04-1B2P-Bedroom	16.74	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.06	ADO.Section_26a, off continuously
04_03-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
04_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
04_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
04_02-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously
04_03-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
04_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
04_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_08-2B3P-Bedroom2	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.23	ADO.Section_26a, off continuously
04_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
04_07-2B3P-Bedroom1	16.93	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.05	ADO.Section_26a, off continuously
04_08-2B3P-Bedroom1	17.52	0.63	1.91, 1.32, 0.94, 1.91	80.0, 90.0, 0.0, 80.0	26.69	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_07-2B3P-Bedroom2	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.02	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom1	16.63	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	25.97	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.36	ADO.Section_26a, off continuously
04_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	25.53	ADO.Section_26a, off continuously
04_01-3B4P-Bedroom2	7.85	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.33	ADO.Section_26a, off continuously
04_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
04_10-2B3P-Bedroom1	15.69	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.39	ADO.Section_26a, off continuously
04_10-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
04_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.34	ADO.Section_26a, off continuously
04_11-1B2P-1B LKD	43.22	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.55	ADO.Section_26a, off continuously
04_13-1B2P-Bedroom	13.45	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	23.96	ADO.Section_26a, off continuously
04_14-2B3P-Bedroom2	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.49	ADO.Section_26a, off continuously
04_14-2B3P-Bedroom1	24.3	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.1	ADO.Section_26a, off continuously
04_15-2B3P-Bedroom2	24.3	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.51	ADO.Section_26a, off continuously
04_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
04_06-1B2P-Bedroom	16.93	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	15.81	ADO.Section_26a, off continuously
05_02-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.89	ADO.Section_26a, off continuously
05_14-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
05_13-1B2P-1B LKD	71.03	0.63	1.7, 1.7, 1.91, 2.94, 3.03, 1.7	80.0, 80.0, 80.0, 90.0, 0.0, 80.0	28.16	ADO.Section_26a, off continuously
05_04-1B2P-1B LKD	72.44	0.63	3.06, 3.06, 3.23, 1.7, 1.7, 1.91, 1.7	90.0, 90.0, 0.0, 80.0, 80.0, 80.0, 80.0	36.0	ADO.Section_26a, off continuously
05_06-1B2P-1B LKD	72.44	0.63	1.7, 1.91, 1.7, 1.7, 3.06, 3.06, 3.23	80.0, 80.0, 80.0, 80.0, 90.0, 90.0, 0.0	35.96	ADO.Section_26a, off continuously
05_09-3B4P-3B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	37.11	ADO.Section_26a, off continuously
05_10-2B3P-2B LKD	68.55	0.63	1.91, 1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.33	ADO.Section_26a, off continuously
05_12-1B1P-1B LKD	71.03	0.63	1.91, 2.94, 3.03, 1.7, 1.7	80.0, 90.0, 0.0, 80.0, 80.0	28.73	ADO.Section_26a, off continuously
05_03-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
05_05-2B3P-Bedroom2	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.76	ADO.Section_26a, off continuously
05_05-2B3P-2B LKD	18.25	0.63	1.91, 1.91, 1.91, 2.94, 3.03	80.0, 80.0, 80.0, 90.0, 0.0	20.25	ADO.Section_26a, off continuously
05_05-2B3P-Bedroom1	15.07	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.93	ADO.Section_26a, off continuously
05_08-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously
05_07-2B3P-2B LKD	70.4	0.63	1.91, 1.7, 1.7, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 0.0, 90.0	33.24	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_01-3B4P-3B LKD	70.4	0.63	1.91, 1.91, 1.7, 1.7, 1.91, 1.91, 3.12, 3.01	80.0, 80.0, 80.0, 80.0, 80.0, 80.0, 0.0, 90.0	36.94	ADO.Section_26a, off continuously
05_15-2B3P-2B LKD	64.13	0.63	1.91, 1.7, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	26.22	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom2	8.1	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.54	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom3	27.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	26.47	ADO.Section_26a, off continuously
05_01-3B4P-Bedroom1	17.52	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.03	ADO.Section_26a, off continuously
05_02-2B3P-Bedroom1	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.22	ADO.Section_26a, off continuously
05_02-2B3P-Bedroom2	17.73	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.91	ADO.Section_26a, off continuously
05_03-2B3P-Bedroom1	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.57	ADO.Section_26a, off continuously
05_03-2B3P-Bedroom2	18.37	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.72	ADO.Section_26a, off continuously
05_04-1B2P-Bedroom	17.12	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.38	ADO.Section_26a, off continuously
05_06-1B2P-Bedroom	17.32	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	16.13	ADO.Section_26a, off continuously
05_07-2B3P-Bedroom2	18.37	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.72	ADO.Section_26a, off continuously
05_07-2B3P-Bedroom1	17.32	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.57	ADO.Section_26a, off continuously
05_08-2B3P-Bedroom2	17.73	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	30.91	ADO.Section_26a, off continuously
05_08-2B3P-Bedroom1	17.94	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.22	ADO.Section_26a, off continuously

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_09-3B4P-Bedroom1	17.02	0.63	1.91, 1.91, 1.27, 0.9	80.0, 80.0, 90.0, 0.0	26.48	ADO.Section_26a, off continuously
05_09-3B4P-Bedroom2	8.1	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	20.58	ADO.Section_26a, off continuously
05_09-3B4P-Bedroom3	26.9	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	26.22	ADO.Section_26a, off continuously
05_10-2B3P-Bedroom1	16.38	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	26.93	ADO.Section_26a, off continuously
05_10-2B3P-Bedroom2	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.14	ADO.Section_26a, off continuously
05_11-1B2P-Bedroom	25.98	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	17.67	ADO.Section_26a, off continuously
05_11-1B2P-1B LKD	45.18	0.63	1.7, 1.91, 1.7, 3.04, 2.93	80.0, 80.0, 80.0, 0.0, 90.0	21.66	ADO.Section_26a, off continuously
05_13-1B2P-Bedroom	13.7	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	24.59	ADO.Section_26a, off continuously
05_14-2B3P-Bedroom2	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	31.14	ADO.Section_26a, off continuously
05_14-2B3P-Bedroom1	25.11	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	27.61	ADO.Section_26a, off continuously
05_15-2B3P-Bedroom2	25.11	0.63	1.91, 1.32, 0.94	80.0, 90.0, 0.0	19.93	ADO.Section_26a, off continuously
05_15-2B3P-Bedroom1	16.73	0.63, 0.63	1.91, 1.91, 2.06, 1.32, 0.94	80.0, 80.0, 0.0, 90.0, 0.0	26.33	ADO.Section_26a, off continuously
02_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
03_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously
04_12-1B1P-Bedroom	17.12	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	28.81	ADO.Section_26a, off continuously

Parrs Wood

Room name	Window to wall ratio %	Window g-value (EN 410)	Opening gross area m²	Opening free area (avg) %	Opening free area / floor area ratio %	Opening profile(s)
05_12-1B1P-Bedroom	17.52	0.63	1.91, 1.91, 1.32, 0.94	80.0, 80.0, 90.0, 0.0	29.47	ADO.Section_26a, off continuously

Modelled ventilation

Room name	Infiltration rate ACH	Mech vent flow rate ACH
01_02-2B3P-2B LKD	0.15	0.36
01_14-2B3P-2B LKD	0.15	0.36
01_13-1B2P-1B LKD	0.15	0.36
01_04-1B2P-1B LKD	0.15	0.36
01_06-1B2P-1B LKD	0.15	0.36
01_09-3B4P-3B LKD	0.15	0.36
01_10-2B3P-2B LKD	0.15	0.36
01_12-1B1P-1B LKD	0.15	0.36
01_01-3B4P-Bedroom3	0.15	0.36
01_15-2B3P-Bedroom1	0.15	0.36
01_01-3B4P-Bedroom1	0.15	0.36
01_02-2B3P-Bedroom2	0.15	0.36
01_03-2B3P-2B LKD	0.15	0.36
01_04-1B2P-Bedroom	0.15	0.36
01_03-2B3P-Bedroom1	0.15	0.36
01_05-2B3P-Bedroom2	0.15	0.36
01_05-2B3P-2B LKD	0.15	0.36
01_02-2B3P-Bedroom1	0.15	0.36
01_03-2B3P-Bedroom2	0.15	0.36
01_05-2B3P-Bedroom1	0.15	0.36
01_08-2B3P-2B LKD	0.15	0.36
01_08-2B3P-Bedroom2	0.15	0.36
01_07-2B3P-2B LKD	0.15	0.36
01_07-2B3P-Bedroom1	0.15	0.36
01_08-2B3P-Bedroom1	0.15	0.36
01_07-2B3P-Bedroom2	0.15	0.36
01_09-3B4P-Bedroom1	0.15	0.36
01_09-3B4P-Bedroom2	0.15	0.36
01_09-3B4P-Bedroom3	0.15	0.36
01_01-3B4P-Bedroom2	0.15	0.36
01_01-3B4P-3B LKD	0.15	0.36
01_10-2B3P-Bedroom1	0.15	0.36
01_10-2B3P-Bedroom2	0.15	0.36
01_11-1B2P-Bedroom	0.15	0.36
01_11-1B2P-1B LKD	0.15	0.36
01_12-1B1P-Bedroom	0.15	0.36
01_13-1B2P-Bedroom	0.15	0.36
01_14-2B3P-Bedroom2	0.15	0.36
01_14-2B3P-Bedroom1	0.15	0.36
01_15-2B3P-Bedroom2	0.15	0.36

Room name	Infiltration rate ACH	Mech vent flow rate ACH
01_15-2B3P-2B LKD	0.15	0.36
01_06-1B2P-Bedroom	0.15	0.36
02_02-2B3P-2B LKD	0.15	0.36
02_14-2B3P-2B LKD	0.15	0.36
02_13-1B2P-1B LKD	0.15	0.36
02_04-1B2P-1B LKD	0.15	0.36
02_06-1B2P-1B LKD	0.15	0.36
02_09-3B4P-3B LKD	0.15	0.36
02_10-2B3P-2B LKD	0.15	0.36
02_12-1B1P-1B LKD	0.15	0.36
02_01-3B4P-Bedroom3	0.15	0.36
02_15-2B3P-Bedroom1	0.15	0.36
02_01-3B4P-Bedroom1	0.15	0.36
02_02-2B3P-Bedroom2	0.15	0.36
02_03-2B3P-2B LKD	0.15	0.36
02_04-1B2P-Bedroom	0.15	0.36
02_03-2B3P-Bedroom1	0.15	0.36
02_05-2B3P-Bedroom2	0.15	0.36
02_05-2B3P-2B LKD	0.15	0.36
02_02-2B3P-Bedroom1	0.15	0.36
02_03-2B3P-Bedroom2	0.15	0.36
02_05-2B3P-Bedroom1	0.15	0.36
02_08-2B3P-2B LKD	0.15	0.36
02_08-2B3P-Bedroom2	0.15	0.36
02_07-2B3P-2B LKD	0.15	0.36
02_07-2B3P-Bedroom1	0.15	0.36
02_08-2B3P-Bedroom1	0.15	0.36
02_07-2B3P-Bedroom2	0.15	0.36
02_09-3B4P-Bedroom1	0.15	0.36
02_09-3B4P-Bedroom2	0.15	0.36
02_09-3B4P-Bedroom3	0.15	0.36
02_01-3B4P-Bedroom2	0.15	0.36
02_01-3B4P-3B LKD	0.15	0.36
02_10-2B3P-Bedroom1	0.15	0.36
02_10-2B3P-Bedroom2	0.15	0.36
02_11-1B2P-Bedroom	0.15	0.36
02_11-1B2P-1B LKD	0.15	0.36
02_13-1B2P-Bedroom	0.15	0.36
02_14-2B3P-Bedroom2	0.15	0.36
02_14-2B3P-Bedroom1	0.15	0.36
02_15-2B3P-Bedroom2	0.15	0.36
02_15-2B3P-2B LKD	0.15	0.36

Room name	Infiltration rate ACH	Mech vent flow rate ACH
02_06-1B2P-Bedroom	0.15	0.36
03_02-2B3P-2B LKD	0.15	0.36
03_14-2B3P-2B LKD	0.15	0.36
03_13-1B2P-1B LKD	0.15	0.36
03_04-1B2P-1B LKD	0.15	0.36
03_06-1B2P-1B LKD	0.15	0.36
03_09-3B4P-3B LKD	0.15	0.36
03_10-2B3P-2B LKD	0.15	0.36
03_12-1B1P-1B LKD	0.15	0.36
03_01-3B4P-Bedroom3	0.15	0.36
03_15-2B3P-Bedroom1	0.15	0.36
03_01-3B4P-Bedroom1	0.15	0.36
03_02-2B3P-Bedroom2	0.15	0.36
03_03-2B3P-2B LKD	0.15	0.36
03_04-1B2P-Bedroom	0.15	0.36
03_03-2B3P-Bedroom1	0.15	0.36
03_05-2B3P-Bedroom2	0.15	0.36
03_05-2B3P-2B LKD	0.15	0.36
03_02-2B3P-Bedroom1	0.15	0.36
03_03-2B3P-Bedroom2	0.15	0.36
03_05-2B3P-Bedroom1	0.15	0.36
03_08-2B3P-2B LKD	0.15	0.36
03_08-2B3P-Bedroom2	0.15	0.36
03_07-2B3P-2B LKD	0.15	0.36
03_07-2B3P-Bedroom1	0.15	0.36
03_08-2B3P-Bedroom1	0.15	0.36
03_07-2B3P-Bedroom2	0.15	0.36
03_09-3B4P-Bedroom1	0.15	0.36
03_09-3B4P-Bedroom2	0.15	0.36
03_09-3B4P-Bedroom3	0.15	0.36
03_01-3B4P-Bedroom2	0.15	0.36
03_01-3B4P-3B LKD	0.15	0.36
03_10-2B3P-Bedroom1	0.15	0.36
03_10-2B3P-Bedroom2	0.15	0.36
03_11-1B2P-Bedroom	0.15	0.36
03_11-1B2P-1B LKD	0.15	0.36
03_13-1B2P-Bedroom	0.15	0.36
03_14-2B3P-Bedroom2	0.15	0.36
03_14-2B3P-Bedroom1	0.15	0.36
03_15-2B3P-Bedroom2	0.15	0.36
03_15-2B3P-2B LKD	0.15	0.36
03_06-1B2P-Bedroom	0.15	0.36

Room name	Infiltration rate ACH	Mech vent flow rate ACH
04_02-2B3P-2B LKD	0.15	0.36
04_14-2B3P-2B LKD	0.15	0.36
04_13-1B2P-1B LKD	0.15	0.36
04_04-1B2P-1B LKD	0.15	0.36
04_06-1B2P-1B LKD	0.15	0.36
04_09-3B4P-3B LKD	0.15	0.36
04_10-2B3P-2B LKD	0.15	0.36
04_12-1B1P-1B LKD	0.15	0.36
04_01-3B4P-Bedroom3	0.15	0.36
04_15-2B3P-Bedroom1	0.15	0.36
04_01-3B4P-Bedroom1	0.15	0.36
04_02-2B3P-Bedroom2	0.15	0.36
04_03-2B3P-2B LKD	0.15	0.36
04_04-1B2P-Bedroom	0.15	0.36
04_03-2B3P-Bedroom1	0.15	0.36
04_05-2B3P-Bedroom2	0.15	0.36
04_05-2B3P-2B LKD	0.15	0.36
04_02-2B3P-Bedroom1	0.15	0.36
04_03-2B3P-Bedroom2	0.15	0.36
04_05-2B3P-Bedroom1	0.15	0.36
04_08-2B3P-2B LKD	0.15	0.36
04_08-2B3P-Bedroom2	0.15	0.36
04_07-2B3P-2B LKD	0.15	0.36
04_07-2B3P-Bedroom1	0.15	0.36
04_08-2B3P-Bedroom1	0.15	0.36
04_07-2B3P-Bedroom2	0.15	0.36
04_09-3B4P-Bedroom1	0.15	0.36
04_09-3B4P-Bedroom2	0.15	0.36
04_09-3B4P-Bedroom3	0.15	0.36
04_01-3B4P-Bedroom2	0.15	0.36
04_01-3B4P-3B LKD	0.15	0.36
04_10-2B3P-Bedroom1	0.15	0.36
04_10-2B3P-Bedroom2	0.15	0.36
04_11-1B2P-Bedroom	0.15	0.36
04_11-1B2P-1B LKD	0.15	0.36
04_13-1B2P-Bedroom	0.15	0.36
04_14-2B3P-Bedroom2	0.15	0.36
04_14-2B3P-Bedroom1	0.15	0.36
04_15-2B3P-Bedroom2	0.15	0.36
04_15-2B3P-2B LKD	0.15	0.36
04_06-1B2P-Bedroom	0.15	0.36
05_02-2B3P-2B LKD	0.15	0.36

Room name	Infiltration rate ACH	Mech vent flow rate ACH
05_14-2B3P-2B LKD	0.15	0.36
05_13-1B2P-1B LKD	0.15	0.36
05_04-1B2P-1B LKD	0.15	0.36
05_06-1B2P-1B LKD	0.15	0.36
05_09-3B4P-3B LKD	0.15	0.36
05_10-2B3P-2B LKD	0.15	0.36
05_12-1B1P-1B LKD	0.15	0.36
05_03-2B3P-2B LKD	0.15	0.36
05_05-2B3P-Bedroom2	0.15	0.36
05_05-2B3P-2B LKD	0.15	0.36
05_05-2B3P-Bedroom1	0.15	0.36
05_08-2B3P-2B LKD	0.15	0.36
05_07-2B3P-2B LKD	0.15	0.36
05_01-3B4P-3B LKD	0.15	0.36
05_15-2B3P-2B LKD	0.15	0.36
05_01-3B4P-Bedroom2	0.15	0.36
05_01-3B4P-Bedroom3	0.15	0.36
05_01-3B4P-Bedroom1	0.15	0.36
05_02-2B3P-Bedroom1	0.15	0.36
05_02-2B3P-Bedroom2	0.15	0.36
05_03-2B3P-Bedroom1	0.15	0.36
05_03-2B3P-Bedroom2	0.15	0.36
05_04-1B2P-Bedroom	0.15	0.36
05_06-1B2P-Bedroom	0.15	0.36
05_07-2B3P-Bedroom2	0.15	0.36
05_07-2B3P-Bedroom1	0.15	0.36
05_08-2B3P-Bedroom2	0.15	0.36
05_08-2B3P-Bedroom1	0.15	0.36
05_09-3B4P-Bedroom1	0.15	0.36
05_09-3B4P-Bedroom2	0.15	0.36
05_09-3B4P-Bedroom3	0.15	0.36
05_10-2B3P-Bedroom1	0.15	0.36
05_10-2B3P-Bedroom2	0.15	0.36
05_11-1B2P-Bedroom	0.15	0.36
05_11-1B2P-1B LKD	0.15	0.36
05_13-1B2P-Bedroom	0.15	0.36
05_14-2B3P-Bedroom2	0.15	0.36
05_14-2B3P-Bedroom1	0.15	0.36
05_15-2B3P-Bedroom2	0.15	0.36
05_15-2B3P-Bedroom1	0.15	0.36
02_12-1B1P-Bedroom	0.15	0.36
03_12-1B1P-Bedroom	0.15	0.36

Parrs Wood

Room name	Infiltration rate ACH	Mech vent flow rate ACH
04_12-1B1P-Bedroom	0.15	0.36
05_12-1B1P-Bedroom	0.15	0.36