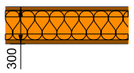
A3

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DO NOT SCALE OFF THIS DRAWING ..... IF IN DOUBT ASK

INTERNAL PARTITION TYPES (PARTY WALL)



Type 22-01

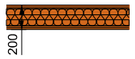
REFER ALSO TO DRAWING A1302 DETAILS 01-03

Wall Type 22-01 Dry Lining as K10: 101 (with column)

Apartment Party Wall (with enclosed column):-
Acoustic: 50 Dntw + Ctr dB (+5 above Part E)
Thermal: 0 W/m2K (full fill & hence defined u-value as opposed tabulated
Overall thickness: 300mm (based on 200mm column)
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 15mm Soundshield Plus (tape & joint)
50mm 'C' metal studs (.55 gauge) with 50mm mineral fibre insulation (nominal density 10-15 kg/m3)
140mm cavity (between studs) fully filled with mineral fibre insulation (nominal density 10-15kg/m3)
50mm 'C' metal studs (.55 gauge) with 50mm mineral fibre insulation (nominal density 10-15 kg/m3)
2 x 15mm Soundshield Plus (tape & joint)

Notes:-
1. change of board in high humidity environment areas, refer to general notes
2. bracing between studs to manufacturers recommendations
3. party walls marked thus - - - - - to have 9mm plywood boarding (FSC), fitted between studs to full entrance hall elevation side. Refer to apartment drawings (A1500 series), for Secure by Design New Homes 2014 guidance security purposes only. Discuss with ALO the necessity of additional inclusion in party walls between apartments



Type 22-02

REFER ALSO TO DRAWING A1302 DETAILS 04-06

Wall Type 22-02 Dry Lining as K10: 102 (Typical)

Apartment Party Wall:-
Acoustic: 50 Dntw + Ctr dB (+5 above Part E)
Thermal: 0 W/m2K (full fill & hence defined u-value as opposed tabulated)
Overall thickness: 200mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 15mm Soundshield Plus (tape & joint)
50mm 'C' metal studs (.55 gauge) with 50mm mineral fibre insulation (nominal density 10-15 kg/m3)
40mm cavity (between studs) - full fill mineral fibre insulation (nominal density 10-15kg/m3) 1x50 Acoustic Partition Roll
50mm 'C' metal studs (.55 gauge) with 50mm mineral fibre insulation (nominal density 10-15 kg/m3)
2 x 15mm Soundshield Plus (tape & joint)
* Plywood (FSC) inclusion. See note 4

Notes as Type 22-01



Type 22-03

REFER ALSO TO DRAWING A1302 DETAILS 10-12

Wall Type 22-03 Dry Lining as K10: 103

Apartment Party Wall (to concrete / block wall lining):-
Acoustic: 50 Dntw + Ctr dB (+5 above Part E)
Thermal: 0 W/m2K (full fill & hence defined u-value as opposed tabulated)
Overall Thickness: 110mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 15mm Soundshield Plus (tape & joint)
70mm 'I' metal studs (.7 gauge)
Full fill Acoustic Insulation 10kg/m³
Stud offset to provide 10mm clear zone to wall/column behind

TYPE 22-04 OMITTED

INTERNAL PARTITION TYPES (NON PARTY WALLS)



Type 22-11

REFER ALSO TO DRAWING A1303 DETAILS 01-03

Wall Type 22-11 Dry Lining as K10: 111

Internal Apartment Wall:-
Acoustic: 40 Rw dB
Overall thickness: 95mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
12.5 Wallboard (tape & joint)
70mm 'C' metal studs (.55 gauge)
25mm (min) Acoustic Insulation 10kg/m³ within stud
12.5 Wallboard (tape & joint)

Note:- change board in high humidity environment areas. Refer to general notes

INTERNAL PARTITION TYPES (NON PARTY WALLS) CONT'D



Type 22-12

REFER ALSO TO DRAWING A1303 DETAILS 10-12

Wall Type 22-12 Dry Lining as K10: 112

Fire resistant partitions to communal areas:-
Acoustic: n/a
Overall thickness: 100mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 12.5mm Wallboard (tape & joint)
50mm 'C' metal studs (.55 gauge)
2 x 12.5mm Wallboard (tape & joint)



Type 22-13

Wall Type 2-13 Dry Lining as K10: 113

Partition wall within risers:-
Acoustic: n/a
Overall Thickness: 95mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
12.5mm Wallboard (tape & joint)
70mm C Metal Studs (.55 gauge)
12.5mm Wallboard (tape & joint)



Type 22-14

Wall Type 22-14 Dry Lining as K10: 114 (Shaftwall)

Shaftwall (boarded one side or where indicated):-
Acoustic: 45dB(Rw)
Overall thickness: 85mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 12.5mm Fire Panel (tape & joint)
60mm 'C-T' metal studs
1 x 19mm Core Board secured between C-T studs
25mm min Earthwool Acoustic Roll insulation

INTERNAL LINING TYPES



Type 22-21

REFER ALSO TO DRAWING A1302 DETAILS 10-12

Wall Type 22-21 Dry Lining as K10: 121

Wall Lining:-
Acoustic: n/a
Overall thickness: max 25mm -if board or plaster- to align through with adjoining dry lined walls
Overall height: to u/s of concrete slab or where indicated on drawings

Build up:-
12.5 Wallboard (tape & joint)
10-12.5mm Dot and Dab



Type 22-22

REFER ALSO TO DRAWING A1303 DETAILS 04-06

Wall Type 22-22 Dry Lining as K10: 122 (External Walls)

External wall column lining (wall liner):-
Acoustic: n/a
Overall thickness: 50mm (75mm when 50mm metal stud)
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 12.5mm Wallboard (tape & joint)
'C' channels / universal brackets (25mm zone or as required - manufacturer to advise)
25mm Insulation



Type 22-23

REFER ALSO TO DRAWING A1302 DETAILS 07-09

Wall Type 22-23 Dry Lining as K10: 123

Apartment Party Wall (either side of column lining):-
Acoustic: contributes to 50 Dntw + Ctr dB (+5 above Part E)
Overall thickness: 40mm to 50mm to be in-line & flush with adjoining party wall
Overall height: to u/s of concrete slab or where indicated on drawings

Build up:-
2 x 15mm Soundshield Plus (tape & joint)
20mm Universal Bracket, with full fill mineral wool insulation



Type 22-24

REFER ALSO TO DRAWING A1303 DETAILS 07-09

Wall Type 22-24 Dry Lining as K10: 124

Column linings within apartments and where indicated:-
Acoustic: n/a
Overall thickness: 37.5mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
12.5mm Wallboard (tape & joint)
'C' channels / universal brackets (25mm zone)

INTERNAL LINING TYPES CONT'D



Type 22-25

REFER ALSO TO DRAWING A1303 DETAILS 13-15

Wall Type 22-25 Dry Lining as K10: 125 (SVP)

SVP (for location refer to drawings):-
Acoustic: Board to have minimum weight of 8kg/m2 (min. 15kg/m2 in total
Overall thickness : 75mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
2 x 12.5mm Moisture Panel (tape & joint)
50mm 'C' metal studs (.55 gauge)
25mm Acoustic Insulation 10kg/m³ within stud

Notes:-
1. Contractor can submit alternative proposal if required



Type 22-26

Wall Type 22-26 Dry Lining as K10: 126 (forming service void)

Bathrooms / En-suites (for location refer to drawings):-
Acoustic: n/a
Overall thickness: 62.5mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
1 x 12.5mm Moisture Panel (tape & joint)
50mm 'I' metal studs (.55 gauge)

Notes:-
1. Contractor can submit alternative proposal if required
2. Where required, partition to be fitted with 18mm (FSC) plywood patressing to support fixtures and fittings. Locations / extent tbc by others



Type 22-27

Wall Type 22-27 Dry Lining as K10: 127 (forming service void)

Kitchens (for location refer to drawings):-
Acoustic: n/a
Overall thickness: 62.5mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
12.5mm Wallboard (tape & joint)
50mm 'I' metal studs (.55 gauge)

Notes:-
1. Contractor can submit alternative proposal if required
2. Where required, partition to be fitted with 18mm (FSC) plywood patressing to support fixtures and fittings. Locations / extent tbc by others



Type 22-28

Wall Type 2-28 Dry Lining as K10: 128

Perimeter wall infill (between column and adjoining walls):-
Acoustic: n/a
Overall Thickness: 62.5mm
Overall height: to u/s of concrete slab (+2780mm). 15mm deflection (tbc by SE). Head detail to manufacturers recommendations and to suit fire rating.

Build up:-
12.5mm Wallboard (tape & joint)
50mm C Metal Studs (.55 gauge)

TYPE 22-29 OMITTED

BLOCKWORK TYPES



Type 22-31

Wall Type 22-31 Blockwork as F10: 255

Finishing: Facing Blockwork able to take a paint finish
Overall thickness (excluding finish): 140mm
Overall height: to u/s of concrete slab. Deflection tbc by SE.

Note:- Refer to drawings where blockwork is to form part of a cavity wall

BLOCKWORK TYPES CONT'D



Type 22-32

Wall Type 22-32 Blockwork as F10: 256

Finishing: Facing Blockwork able to take a paint finish
Overall thickness (excluding finish): 100mm
Overall height: to u/s of concrete slab. Deflection tbc by SE.

Note:- Refer to drawings where blockwork is to form part of a cavity wall



Type 22-33

Wall Type 22-33 Blockwork (AAC) as F10: 360

Finishing: Facing Blockwork able to take a paint finish / plaster or plasterboard finish
Overall thickness (excluding finish): 100mm (may form part of cavity wall)
Overall height: to u/s of concrete slab. Deflection tbc by SE.

Note:- Refer to drawings where blockwork is to form part of a cavity wall

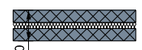


Type 22-34

Wall Type 22-34 Blockwork as F10: 258

Acoustic: TBC (awaiting further info from MEP)
U-value: 0.19W/m2C, when used in conjunction with lining type 22-03
Overall thickness (excluding finish): 265mm
Overall height: to u/s of concrete slab. Deflection tbc by SE.

Build up:-
1 x 100 facing blockwork (Type 22-32)
65mm cavity fully filled with Isover CWS 32 insulation
1 x 100 facing blockwork (Type 22-33)



Type 22-35

Wall Type 22-35 Blockwork as F10: 361

Acoustic: TBC (awaiting further info from MEP)
U-value: 0.19W/m2C, when used in conjunction with lining type 22-03
Overall thickness (excluding finish): 250mm
Overall height: to u/s of concrete slab. Deflection tbc by SE.

Build up:-
1 x 100 facing blockwork (Type 22-33)
50mm cavity fully filled with Isover CWS 32 insulation
1 x 100 facing blockwork (Type 22-33)

DRY LINING GENERAL NOTES

In high humidity environments (bathroom / en-suite) the following boards are to be substituted:

12.5mm Wallboard - replace with 12.5mm Moisture Panel
15mm Soundshield Plus - replace with 15mm Performance Plus

These are noted with ■ ■ ■ ■ ■ ■ ■ ■ on apartment drawings (A1500 series).

Stud centres may need to be increased to 400mm to support ceramic finish. Manufacturer to advise / recommend.

All service penetrations to be staggered and provided with putty pads or baffle boxes where indicated

Partitions where required, to be fitted with 18mm (FSC) plywood patressing, for the purposes of installation of MEP & kitchens. Locations of which tbc by others

Allowance to be made for inclusion of 18mm (FSC) plywood patressing, for compliance with Lifetime Homes to bathrooms

GENERAL NOTES

- To be read in conjunction with Hoare Lea's Fire Strategy Report; WA's Fire Strategy Drawings and AD Part B for Fire Performance criteria.

- Acoustic requirements based on Hoare Lea's Acoustic report and AD Part E. Note acoustic requirements link to the Code for Sustainable Homes.

- All dry lining is based on Knauf DryWall being used. Information provided by Ian Wood (Knauf Project and Specification Manager - North West Region)

-1 wall to AOV risers to be shaftwall. Final location to be determined on site.

- All materials to be installed strictly in accordance with the Manufacturer's recommendations.

- To be read in conjunction with Weedon Architects' Apartment Type and Plan detail drawings for further detail and setting out.

- Refer to Weedon Architect's NBS K10 specification for further details.

- All works to be in accordance with NHBC Standards 2017 and NHBC Building Warranty Provider Requirements.

- Refer to current project risk assessment(s) before any works are undertaken.

- All dimensions to be checked on site. Any queries with setting out - ASK & CHECK.

Rev	Drawn	Date	Comment
T1	RBP	10.03.2017	STAGE 4 - TENDER
T2	RBP	10.03.2017	STAGE 4 - TENDER - overall height corrected
T3	SP	01.08.2017	General updates to reflect OMS conversion

lendlease

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POTATO WHARF - BLOCKS 3 & 4
INTERNAL WALL TYPES
GENERAL ARRANGEMENT BLOCK 3 & 4

Drawn DJC Date MAR 2016 FOR INFORMATION
Checked DV Scale 1:50 @ A3 16042 A1301-T3

REF: 254173-WAA-22-XXX-LXX-DPT-A-1301