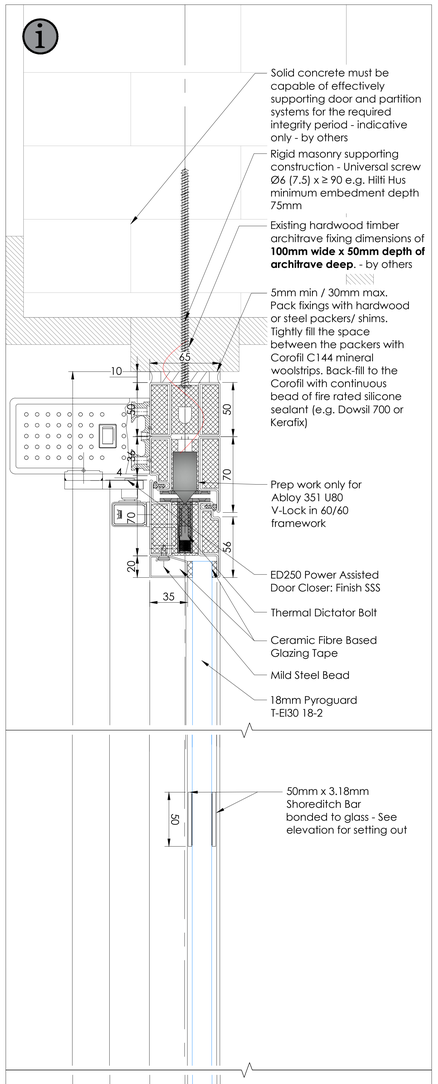
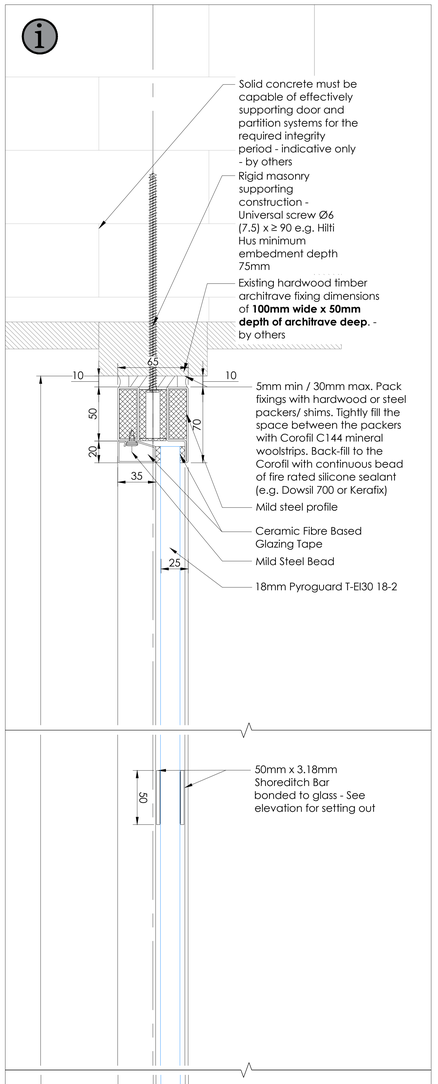
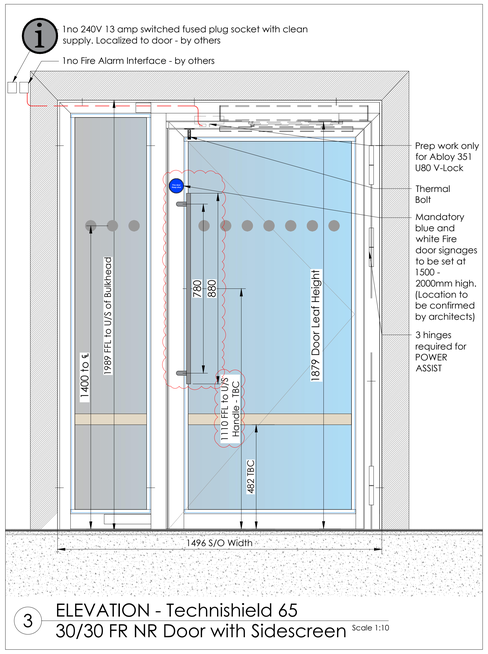


1 SECTION - Technishield 65
30/30 FR NR Door Scale 1:2





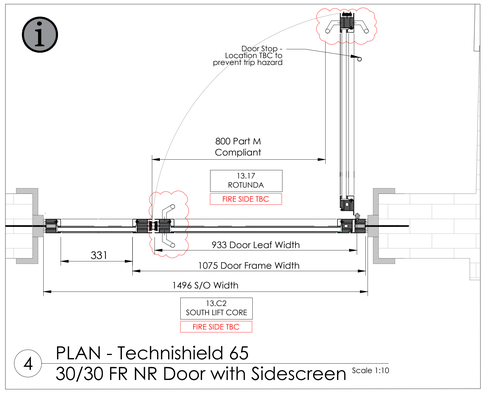
3 ELEVATION - Technishield 65
30/30 FR NR Door with Sidescreen Scale 1:10

APPROX. WEIGHT:

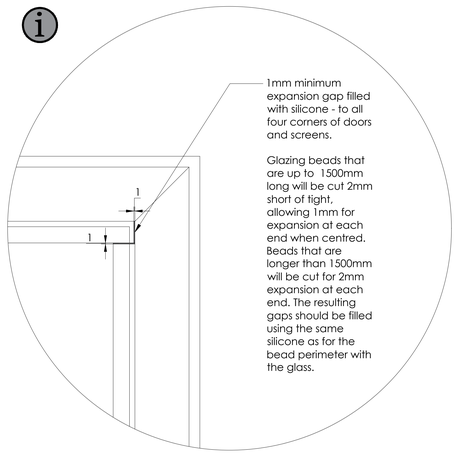
TOTAL SYSTEM:
273kg

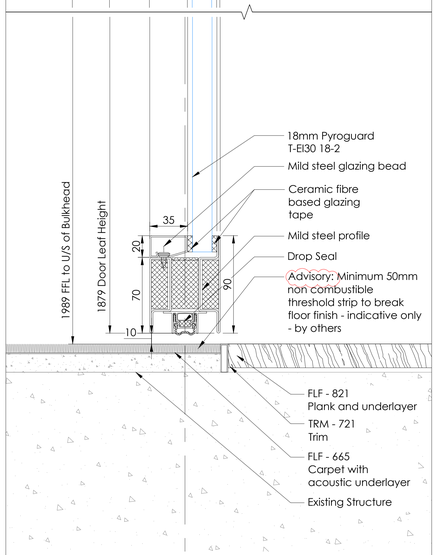
DOOR LEAF WEIGHT:
148kg

GLASS PANEL:
30kg

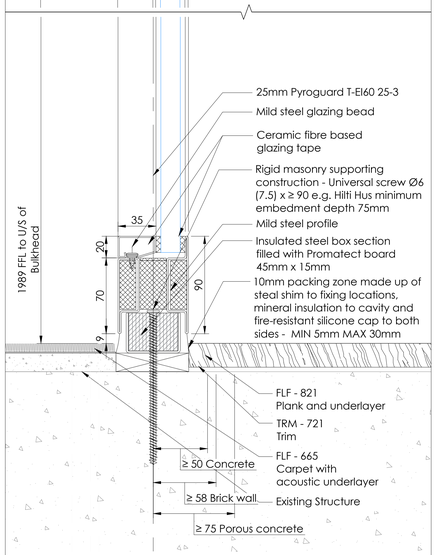


4 PLAN - Technishield 65
30/30 FR NR Door with Sidescreen Scale 1:10

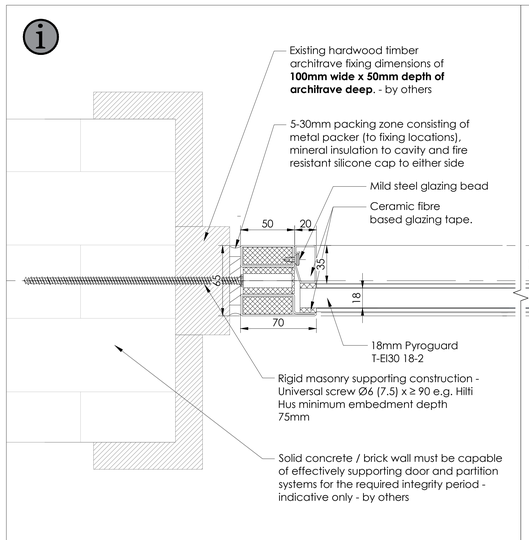




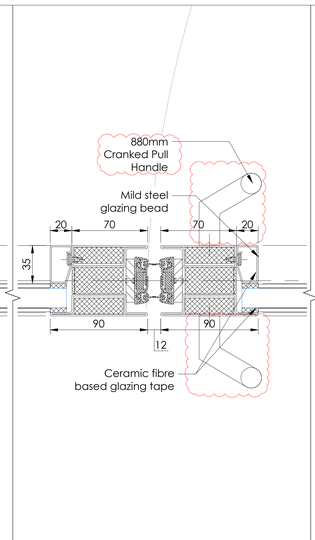
1 SECTION - Technishield 65
30/30 FR NR Door Scale 1:2



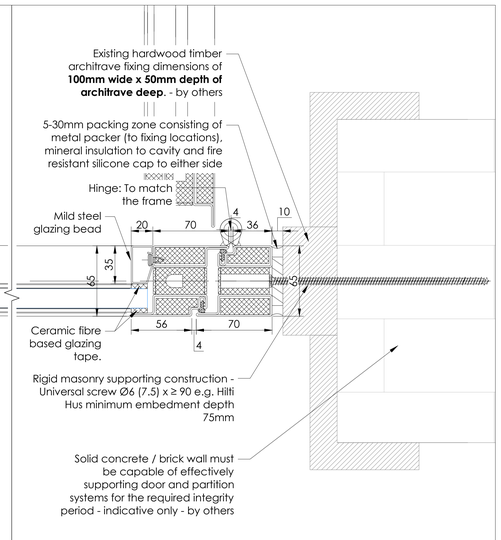
2 SECTION - Technishield 65
30/30 FR Screen Scale 1:2



5 PLAN DETAIL
Wall Abutment Scale 1:2



6 PLAN DETAIL
Wall Abutment Scale 1:2



7 PLAN DETAIL
Hinge Scale 1:2

Safety Health & Environmental Information Box

Construction Risks

This project uses only materials that have been used in this manner before. From a Designers viewpoint.
Optima do not envisage any specific Construction issues to communicate.

Maintenance / Cleaning Risks

Optima, in the main, provide office partitioning. The components (specifically the glass are tested to the relevant national or international standards of the day). As such CLEANING and MAINTENANCE of this product reveal no specific risks. However, Optima would point out that all persons involved with maintenance and cleaning should themselves be subject to their own employer's specific risk assessment process. Special care should be taken if working at height. In such cases the regulations of the day apply. Optima do not recommend any loadings against its products.

Demolition / Adaptation Risks

From the viewpoint of a Designer, Optima have identified no significant risks for demolition and adaptation.
However, the usual risk assessments are presumed as implemented by the company proposing demolition and/or adaptation.

Environmental / Recycling

Much of the Optima range of project is relocate- able. See original terms and conditions for clarification.
Environmental issues are subject to the law of the day.

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note of the above.
It is assumed that all works on this drawing will be carried out by a competent contractor working where appropriate, to an approved method statement.

CDM Communication Symbols

ⓘ	System with fire rating of 30/30
ⓘ	Please note: Fire signage is mandatory and the colour requirments are blue and white. The only instance these colours may change is with agreement with building control which approved the change of mandatory fire door signage.

Fire Specification

Fire Rating

Partition	Door
30/30	30/30

Fire Certificate Reference

Partition	Door
CF5204 (Page 48)	*CF5204 (Page 48)*

Technical Guide Reference

Partition	Door
Page 162 (23.03.20)	*Page 162 (23.03.20)*

General Information Table

Type Reference	
Partition	*Door*
Technishield 65	*Technishield 65*
Floors	Level 13
Reference No.	
Partition No.	Door No.
N/A	*D-13-17*
Acoustic Rating	
Partition	Door
Rw38dB Estimate	*Rw30dB Max.*
Ironmongery Set Reference	*Cranked pull handle, power assist, access control, door stops and hinges*
Framework Finish	
Partition	Door
RAL 1013	RAL 1013
Door Leaf Finish	RAL 1013/Glass
Trim finish	RAL 1013
Deflection	N/A
Structural Loads	N/A
Glass Specification	
Partition	Door
18mm Pyroguard T-EI30 18-2	18mm Pyroguard T-EI30 18-2
Glass Edge Cover	*15mm minimum*
Manifestation	Part K Manifestation BY OTHERS (Indicative Only)

Please Note:

All measurements to be taken from site prior to manufacture.

Manifestation Statement

Manifestation guidelines set-out in Approved Document Part K for band widths & heights. The shoreditch bars applied to the glass may fall outside these recommendations and require approval from Building control.

Rev	Date	Description	Dr	App	Ck
C02	06.08.24	Amended handles as per latest ironmongery type	NK	AMc	RH
C01	15.07.24	Amended as per comments - changed the location of power assist	NK	AMc	OC
P02	02.07.24	Amended as per comments	NK	AMc	ACR
P01	24.05.24	First issue	NK	AMc	RH

GA Reference Colour:

Status:
For Construction

Optima

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Web: www.optimasystems.com

Project Number:
50489

Project Name:
Sunlight House Refurbishment, Manchester

Title:
Technishield 65
30/30 FR NR Single Leaf Door
with Sidescreen D-13-17

Scale @ A0:	Drawing No.:	Revision:
1:2/1:10	50489-OPN-ZZ-13-DR-X-0008A	C02

A0 Layout (1189mm x 841mm)