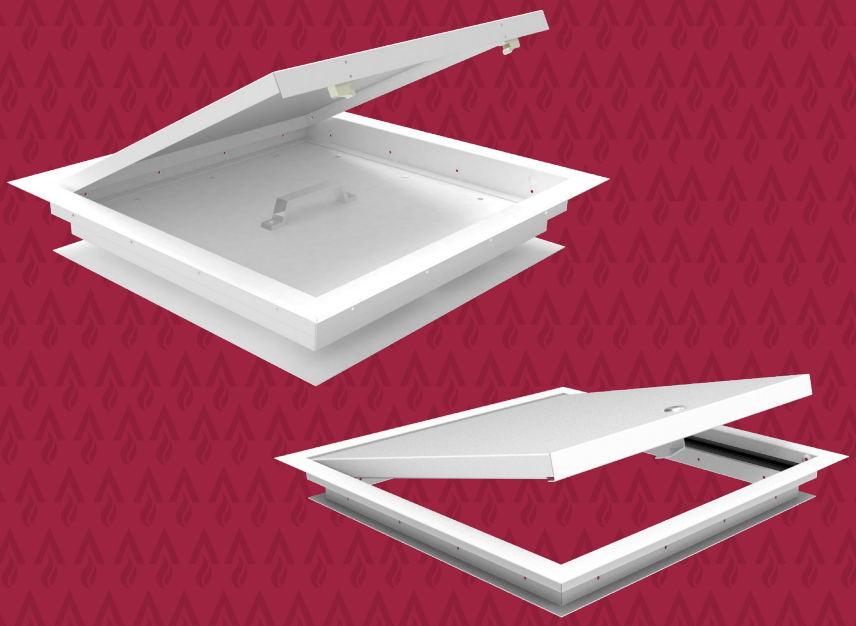
TRAFALGAR ACCESS

AUSTRALIAN MADE AND OWNED

AIRTIGHT ACCESS PANELS



Trafalgar Airtight Access Panels are manufactured in Australia and have been designed for use where there is a need to provide a dustproof or extremely low air leakage rate for cleanroom or pressurised environments.

Trafalgar Pressurised Access Panels allow for an aesthetically pleasing means of providing access into walls and ceilings, and are fully customisable to meet any specification.

KEY FEATURES

- Australian made quality
- Twin-door design gives ultimate aesthetic finish with no compromise on leakage performance
- Fully welded, pre-primed, and ready for installation
- Fully customisable

APPLICATIONS

- Health care
- Data centres
- Cleanrooms
- High-efficiency construction
- Laboratories

TRADES

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TRAFALGAR ACCESS

AUSTRALIAN MADE AND OWNED

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AIR TIGHT PANEL MANUAL

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SPECIFICATIONS

The Trafalgar Access difference		TRAFALGAR ACCESS	Others
Door Panel	Visible front door panel uses 1.1mm steel with fully concealed latches for aesthetics. Rear door of 1.1mm steel for weight reduction and airtightness, cam-lock or screw-fixed options depending on leakage specification.	✓	?
Frame	Fully welded steel frame, pre-primed as standard for ease of installation and finishing. Anti-microbial powdercoat options available.	✓	?
Seal	Dust proof and anti-microbial seal options available		
Nominally Sized	Trafalgar ATP's are manufactured 5mm smaller than the nominal size for ease of installation in uneven openings (i.e. a 600x600mm ATP is designed for installation into a 600x600mm opening).	✓	?
Hardware options	Front panel: Invisible touch-latches as standard, lockable options available Rear panel: Cam locks or screw-fixed options depending on leakage specifications	✓	?
Hinge	Front panel – Concealed pin hinges for typical size panels. Larger panels may require a piano hinge for strength.	✓	?
Range of standard options	Available with a broad range of standard options: • Lock options for front and rear doors • Finishing options – Powdercoating available • Multiple leakage specifications for a range of applications	✓	?
Customisation Available	Made in our South Granville, NSW factory and supported by our team of engineers, the Trafalgar ATP can be customised quickly and cost effectively to suit your projects needs	✓	?

Trafalgar Access also supply a comprehensive range of fire rated, acoustic, customwood, security and specialty access panels.

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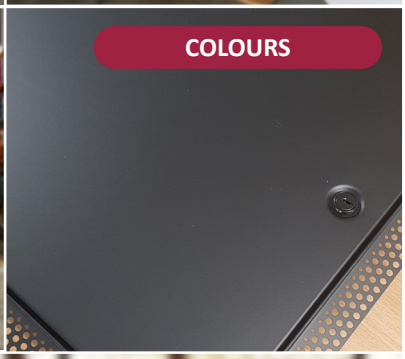
MADE LOCALLY MEANS VERSATILITY

AUSTRALIAN MADE AND OWNED



We can help you with your special projects!

Customisation options include:

Click here to go back to Contents

- A huge range of sizes including odd shapes and oversized
- Single and double doors
- Flanges, latches, and hinges
- Panel material - including stainless steel
- Colour options

All this made locally means fast turn around.

Talk to the Trafalgar Team today to design your custom Access Panel.*

*Customisation options limited for Acoustic and Fire Rated Access Panel ranges.

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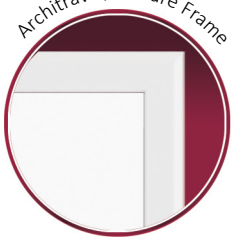
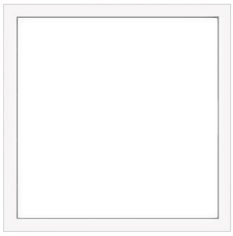
Frame Type
FLANGED EDGE
(FEATHERED EDGE)
Picture Frame



Frame detail


Panel installed
(ATP Shown)

AUSTRALIAN MADE AND OWNED

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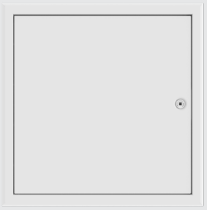
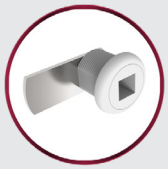
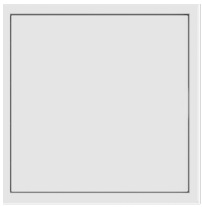
AIRTIGHT RANGE

Model	Panel FE Panel door + picture frame primed white	Lock	Item Number	Frame Profile (mm)
Dustproof		Square allen key cam lock 	DPP-FE	54mm
Low leakage		Front panel – Touch latch (concealed) Rear panel – Cam lock 	ATP-L-FE	92mm
Airtight		Front panel – Touch latch (concealed) Rear panel – Screw fixed 	ATP-FE	92mm
Fire rated		Budget lock 	FYRESHIELD-FE Or FYRESHIELD PLUS-FE	87mm

Trafalgar can custom manufacture to meet your specifications. Trafalgar also supply a comprehensive range of fire rated, metal, customwood, security and specialty Access panels.

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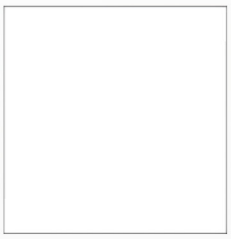
Frame Type

WET WALL (SET BEAD)

Concealed Frame

Frame detail



Panel installed
(ATP Shown)

AUSTRALIAN MADE AND OWNED

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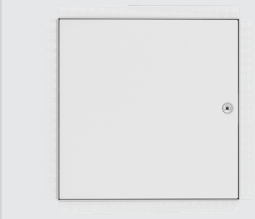
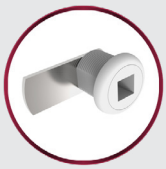
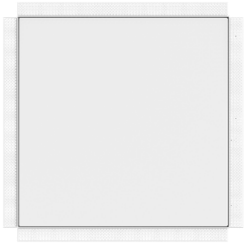
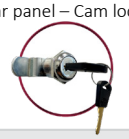
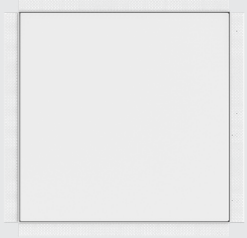
AIRTIGHT RANGE

Model	Panel FE Panel door + picture frame primed white	Lock	Item Number	Frame Profile (mm)
Dustproof		Square allen key cam lock 	DPP-WW	54mm
Low leakage		Front panel – Touch latch (concealed) Rear panel – Cam lock 	ATP-L-WW	92mm
Airtight		Front panel – Touch latch (concealed) Rear panel – Screw fixed 	ATP-WW	92mm
Fire rated		Budget lock 	FYRESHIELD-WW Or FYRESHIELD PLUS-WW	87mm

Trafalgar can custom manufacture to meet your specifications. Trafalgar also supply a comprehensive range of fire rated, metal, customwood, security and specialty Access panels.

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SPECIFICATIONS

Click here to go back to Contents

	Dustproof	Low leakage	Airtight	Fire rated
Frame specs	1.1mm ZA steel	1.1mm ZA steel	1.1mm ZA steel	1.1mm ZA steel
Frame profile	54mm	92mm	92mm	87mm
Door specs	1.1mm ZA steel	Front door- 1.1mm ZA Rear door- 1.1mm ZA	Front door- 1.1mm ZA Rear door- 1.1mm ZA	4mm MDF 30mm Maxilite 4.5mm FR Hardiflex
Front Door Lock (standard)	Key cam	Invisible touch latches	Invisible touch latches	Budget lock
Front Door Lock options	Kaba nightlatch, Silver square cam	Silver Square Cam, Key Cam, Nightlatch	Silver Square Cam, Key Cam, Nightlatch	Kaba nightlatch , Screw fixed
Rear Door Lock (standard)	N/A	Silver square cam	Screw Fixed	N/A
Seal	Raven RP120 Perimeter seal	Kilargo IS1046si Antimicrobial seal	Kilargo IS1046si Antimicrobial seal	Gee-whiz Intumescent seal
Leakage performance (L/s) 450 x 450 tested	N/A	10Pa: 0.061 25pa: 0.115 50Pa: 0.187 75Pa: 0.248	10Pa: 0.006 25pa: 0.008 50Pa: 0.011 75Pa: 0.013	10Pa: 0.270 25Pa: 0.582 50Pa: 0.948 75Pa: 1.457
Fire rating	N/A	N/A	N/A	Refer to FyreSHIELD Manual
Hinge	Concealed pin hinge (sizes up to 600 x 600). Larger sizes may require piano hinge			Concealed Cupboard hinge
Weight 450 x 450	3.5kg	7kg	7kg	8kg
Cut out size	Cut out size should be the same size as the access panel. For example, 450 x 450 access panel will have a 450 x 450 cutout			
Frame types	Flanged Edge (FE) (Feathered Edge or Picture Frame) Wet Wall (WW) (Set Bead or Concealed Frame)			
Also available	**Trafalgar can custom manufacture to meet your specifications. Trafalgar also supply a comprehensive range of fire rated, metal, customwood, security and specialty Access panels.**			

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TRAFALGAR ACCESS

AUSTRALIAN MADE AND OWNED

AIRTIGHT ACCESS PANEL ORDER CONFIRMATION

Customer to complete for each size panel required. All panels will be manufactured 5mm smaller than the opening size in wall or ceiling to a tolerance of +/-2mm. **It is designed for easy install.**

Opening size in ceiling or wall:	Height		mm	Width		mm

Step 1 APPLICATION

○ Wall

○ Ceiling

Step 2 FRAME TYPE

○ Flanged Edge
(Feathered Edge or Picture Frame)

○ Wet Wall
(Seat Bead or Concealed frame)

Step 3 LOCK OPTIONS

Front Door

○ Invisible Touch latch (standard)

○ Key Cam

○ Kaba Nightlatch

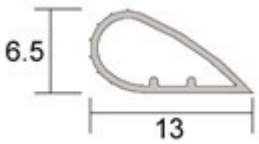
Rear Door (affects leakage rate, see tech manual)

○ Silver Square Cam (low leakage)

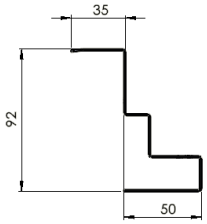
○ Screw Fixed (standard airtight)

SEAL

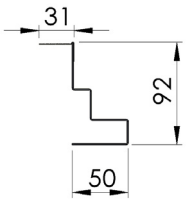
Kilargo IS1046si



FRAME PROFILE

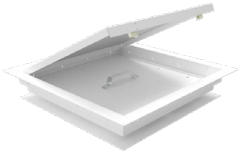


Flanged Edge Cross Section



Wet Wall Cross Section

CLICK THE IMAGE TO VISIT OUR WEBSITE



www.taccess.com.au

Step 4 FINISH

○ Pre-primed white (standard)

○ Antimicrobial powder coat

○ Other (please specify in 'Special Instructions')

Special Instructions

Quantity	
Company name	
Contact Name	
Date	
Signature	

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TRAFALGAR ACCESS

AUSTRALIAN MADE AND OWNED

DUSTPROOF ACCESS PANEL ORDER CONFIRMATION (DPP)

Customer to complete for each size panel required. All panels will be manufactured 5mm smaller than the opening size in wall or ceiling to a tolerance of +/-2mm. **It is designed for easy install.**

Opening size in ceiling or wall:	Height		mm	Width		mm

Step 1 APPLICATION

○ Wall

○ Ceiling

Step 2 FRAME TYPE

○ Flanged Edge
(Feathered Edge or Picture Frame)

○ Wet Wall
(Seat Bead or Concealed frame)

Step 3 LOCK OPTIONS

○ Key Cam
(standard)

○ Silver Square Cam

○ Kaba
Nightlatch

Step 4 FINISH

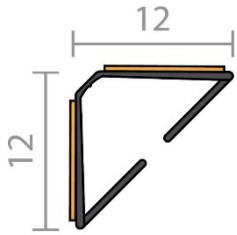
○ Pre-primed white (standard)

○ Antimicrobial powder coat

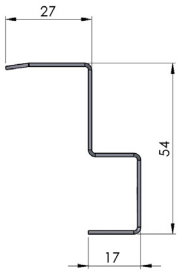
○ Other (please specify in 'Special Instructions')

SEAL

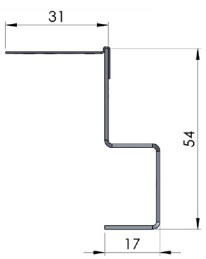
Raven Rp120



FRAME PROFILE

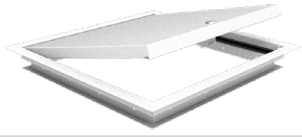


Flanged Edge Cross Section



Wet Wall Cross Section

CLICK THE IMAGE TO VISIT OUR WEBSITE



Special Instructions

Quantity	
Company name	
Contact Name	
Date	
Signature	

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INSTALLATION AIRTIGHT ACCESS PANELS

PLASTERBOARD

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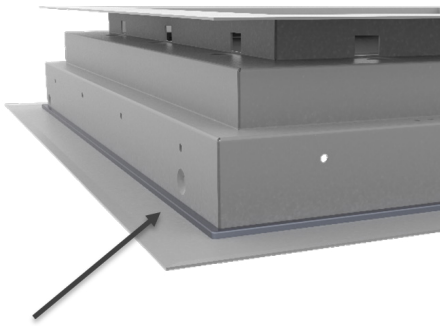
MARK

Mark and cut out hole the same size as the access panel nominal size.

For a 600x600mm nominal ATP, the ideal cutout size is 600x600mm.

The opening must be framed with studs / noggings to affix the panel to.

PREPARE



Apply a small bead of sealant to the underside of the access panel flange to ensure there is no “flanking” around the panel.

FIT

With the door open, screw the frame into the wall/ceiling through the pre-formed fixing holes.

Note: All holes must be used or sealed to ensure airtightness.

FIX

Fixings must be appropriate for the wall/ceiling – Min. 8g screws are recommended in the absence of a specified fixing.

ADJUSTING THE DOOR & HINGES

Some Trafalgar Access Panels have adjustable hinges that will allow for minor adjustments between the door and frame to account for imperfections in the aperture cut for the access panel. Do not over-adjust the hinges as it may cause damage that will void the warranty. Please contact Trafalgar for specific advice before adjusting this access panel.

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INSTALLATION
AIRTIGHT ACCESS PANELS

MASONRY

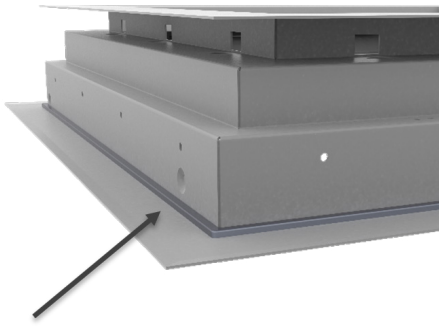
Click here to go back to Contents

MARK

Mark and cut out hole the same size as the access panel nominal size.

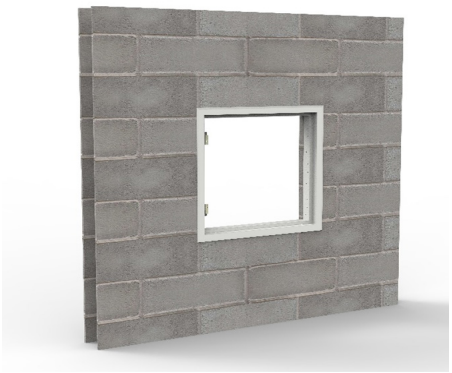
For a 600x600mm nominal ATP, the ideal cutout size is 600x600mm.

FIT



Apply a small bead of sealant to the underside of the access panel flange to ensure there is no “flanking” around the panel.

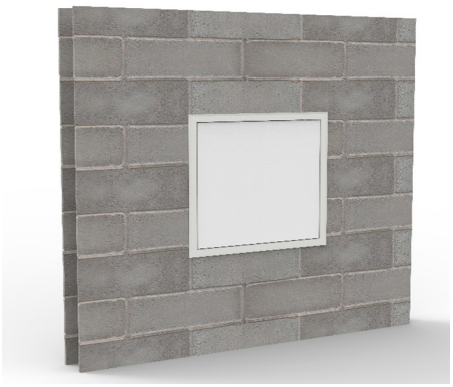
FIT



With the door open, screw the frame into the wall/ceiling through the pre-formed fixing holes.

Note: All holes must be used or sealed to ensure airtightness .

FIX



Fixings must be appropriate for the wall/ceiling – 6mm masonry anchors are recommended in the absence of a specified fixing.

ADJUSTING THE DOOR & HINGES

Some Trafalgar Access Panels have adjustable hinges that will allow for minor adjustments between the door and frame to account for imperfections in the aperture cut for the access panel. Do not over-adjust the hinges as it may cause damage that will void the warranty. Please contact Trafalgar for specific advice before adjusting this access panel.

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TECHNICAL DRAWING - INSTALLATION

AIR TIGHT/LOW LEAKAGE

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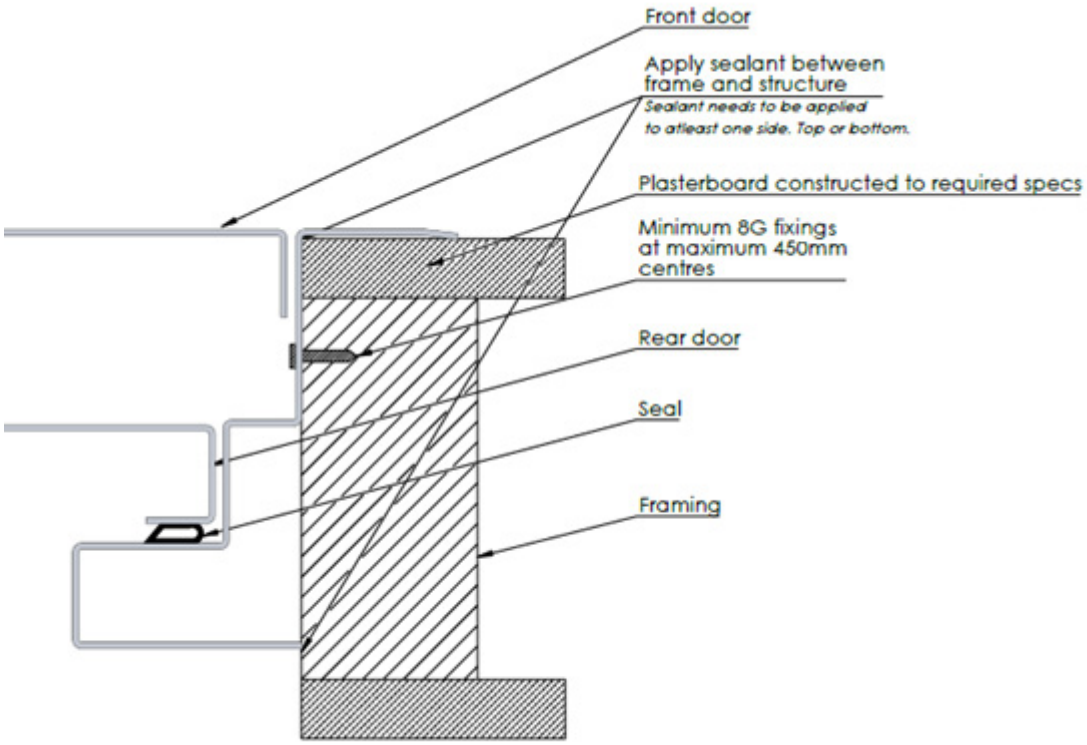
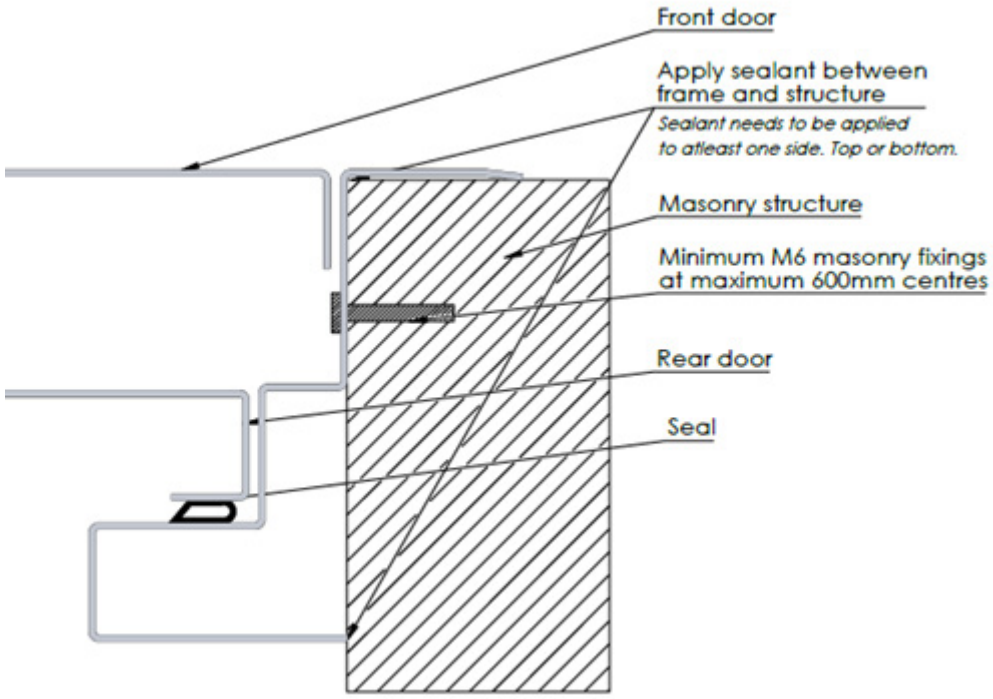
AIRTIGHT/LOW LEAKAGE

Installation





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TECHNICAL DRAWING - INSTALLATION

FIRE RATED

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FIRE RATED

Installation

Please refer to the FyreSHIELD technical manual below:

https://tfire.com.au/documents/FyreSHIELD_Technical_Manual

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TECHNICAL DRAWING

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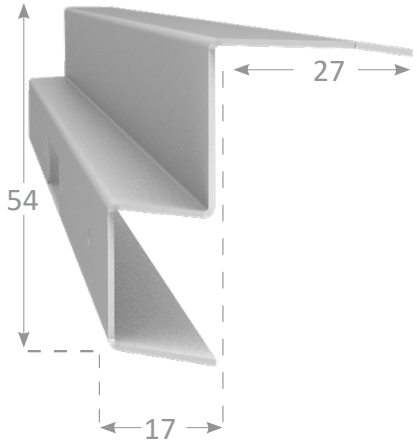
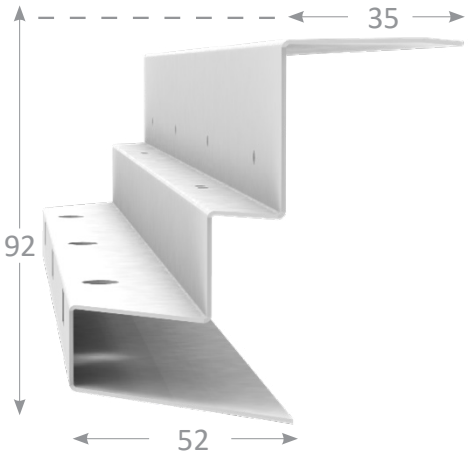
Note: All measurements are in millimeters (mm)

Dustproof
FULL PROFILE AND INSTALL PROFILE - PLASTERBOARD/MASONRY



Low Leakage
FULL PROFILE AND INSTALL PROFILE - PLASTERBOARD/MASONRY



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TECHNICAL DRAWING

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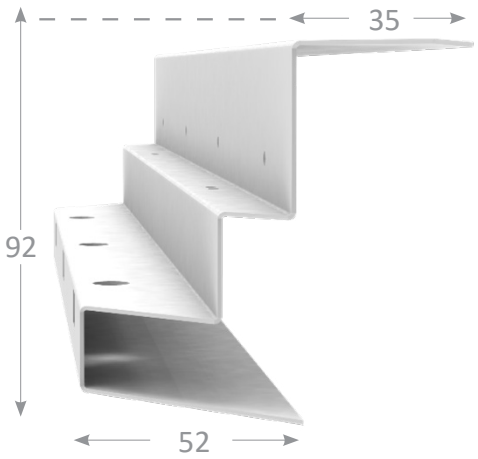
Note: All measurements are in millimeters (mm)

Airtight

FULL PROFILE AND INSTALL PROFILE - PLASTERBOARD/MASONRY



Fire Rated

FULL PROFILE AND INSTALL PROFILE - PLASTERBOARD/MASONRY

Please refer to the FyreSHIELD technical manual below:

https://tfire.com.au/documents/FyreSHIELD_Technical_Manual

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FAQ

Q Can we install this panel into a floor?
A No, these Airtight access panels are for wall and ceiling applications only.

Q Does this panel have an acoustic rating?
A Yes, If you require acoustic panels please contact the Trafalgar access team on 1800 888 714 to discuss your requirements.

Q Can these panels be installed into a fire rated wall or ceiling?
A Yes, we do offer a fire rated airtight access panel. Please refer to our FyreSHIELD technical manual.

Q Can we receive this panel without the antimicrobial powder coating?
A Yes, please contact the Trafalgar Access team on 1800 888 714 to discuss your requirements.

Q Can you provide a report of the air leakage test results?
A Yes, please contact the Trafalgar Access team on 1800 888 714

Q Do these panels comply with PC2 requirements?
A For any PC2 or specific requirements, please contact the Trafalgar Access team on 1800 888 714

SOCIAL MEDIA

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