

FIRE PROTECTION: WINDOWS

RATING: -/120/120

SYSTEM: Forster Fuego Light
Insulated Steel Framing System



Incorporating the Forster Fuego Light insulated Steel Framing system combined with Pilkington Pyrostop® fire rated glass, these windows achieve a rating of -/120/120 FRL to AS1530.4

Highly suited for applications that require windows to provide protection against the spread of flames and full protection of heat transfer for up to 2 hours, whilst retaining the safety and aesthetics of a fully transparent window. Especially suitable for fire escape corridors, fire walls, and protection of essential services equipment.



FEATURES

- Fixed windows up to 2500 x 1400 for each lite (larger sizes possible on request)
- Fire resistance to -/120/120
- Triple glazing available to incorporate intruder/attack resistant glazing, energy, solar control, or any glass up to nom. 14mm thickness
- Forster Fuego Light 110 x 50 steel insulated framing system
- Single and multi-panel applications - unlimited continuous length
- Suitable for internal or external application
- Available in powdercoat or paint finish
- Easily integrated with TPS -/60/30 glazed fire doors
- Excellent U-values
- Very high sound reduction
- Grade A impact rated to AS2208
- Curved heads, angles, circles available
- System also available as -/90/90, -/60/60, and -/60/30 FRL
- Suitable for integration with TPS -/60/30 glazed sliding door system
- Full DWG drawings and architectural support available (please contact TPS for assistance)



TECHNICAL DATA

Glass	Thickness	FRL	Application	Max visible glass dim (mm)	Max glass pane area (m2)	Light transmission	Ug (W/m2K)	SHGC	Rw (C;Ctr) dB	Weight (Kg/m2)
Pilkington Pyrostop ® PS120-104	52mm	-/120/120	Internal	2376	3.4	75%	2.6	0.65	42 (-1; -4)	108
Pilkington Pyrostop ® PS120-201	56mm	-/120/120	Internal/ External	2376	3.4	75%	2.6	0.61	44 (-1; -4)	114

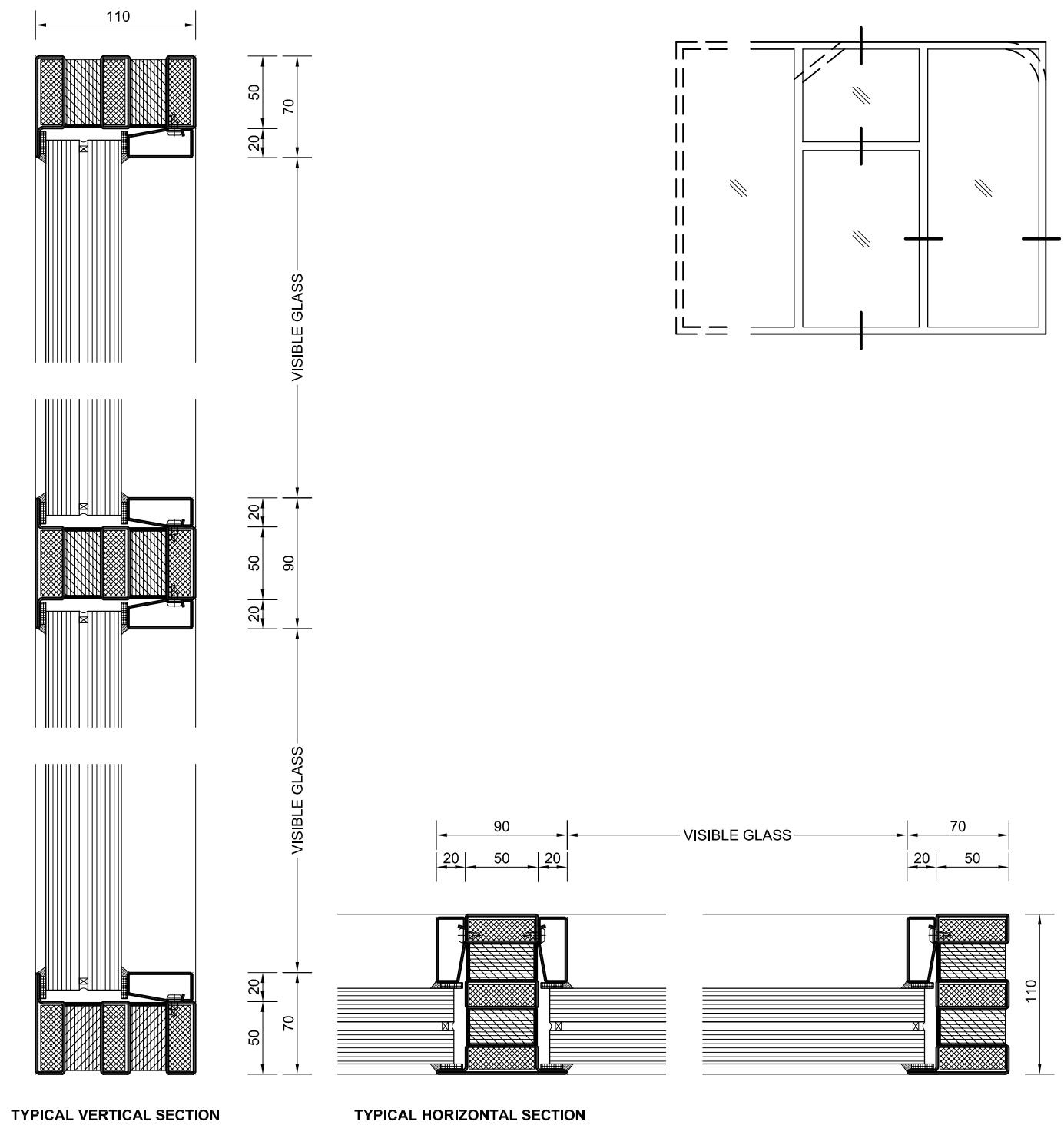
HOW TO SPECIFY

Glazing to be fully certified TPS -/120/120 window incorporating 52mm (for internal applications) or 56mm (for external applications) Pilkington Pyrostop® multi-laminate fire resistant intumescent glazing with Forster Fuego Light fully insulated steel framing system, available via Technical Protection Systems approved distribution network.

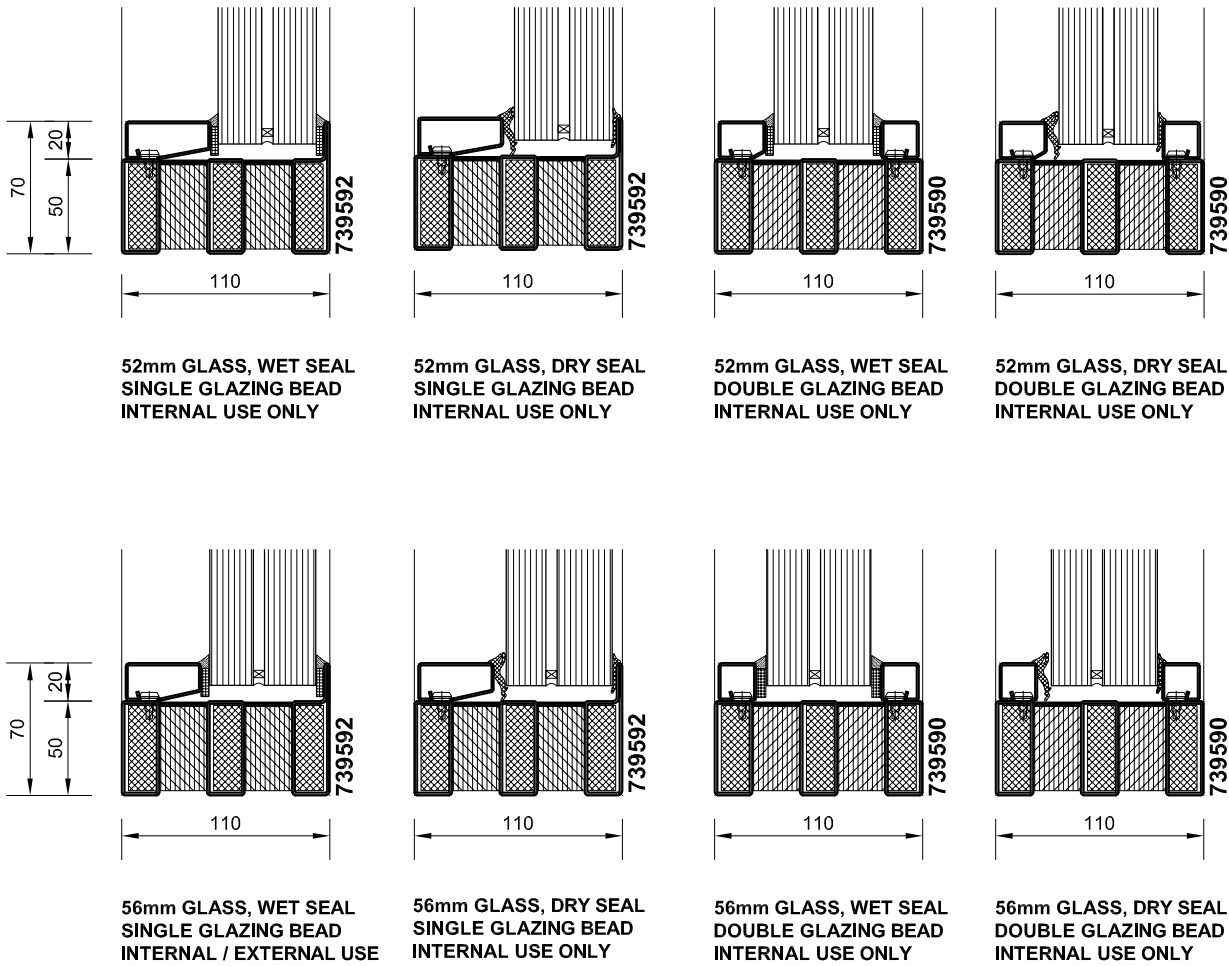
Contact Technical Protection Systems Pty Ltd for further information:

W technicalprotection.com.au **P** 03 9720 1930 **E** info@technicalprotection.com.au

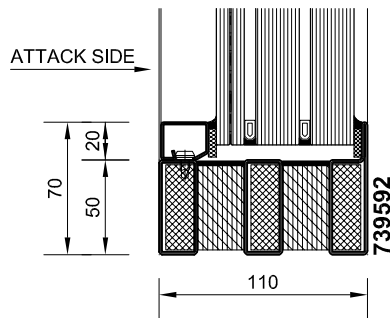
TYPICAL SECTIONS



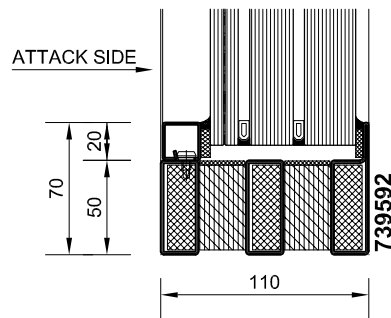
TYPICAL GLAZING OPTIONS



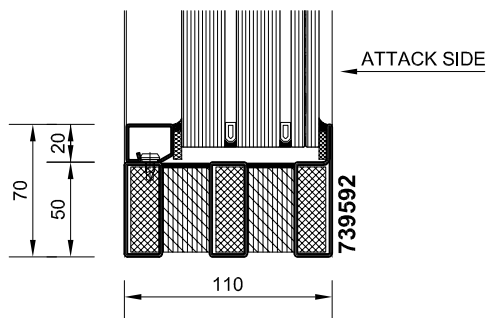
SPECIAL GLAZING OPTIONS



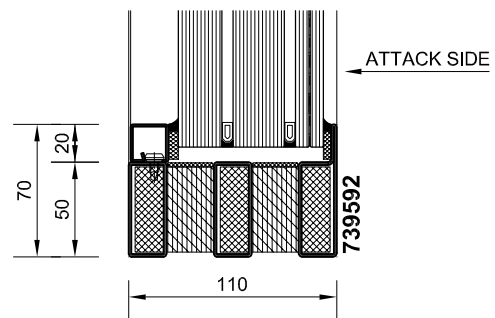
14mm nom. laminated glass + 23mm
PS120-104 Pilkington Pyrostop
INTERNAL USE ONLY



14mm nom. laminated glass + 27mm
PS120-201 Pilkington Pyrostop
INTERNAL / EXTERNAL USE

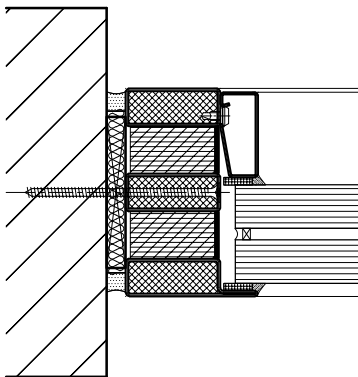


23mm PS120-104 Pilkington Pyrostop + 14mm
nom. laminated glass
INTERNAL USE ONLY

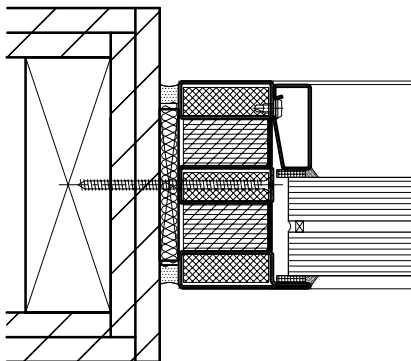


27mm PS120-201 Pilkington Pyrostop + 14mm
nom. laminated glass
INTERNAL / EXTERNAL USE

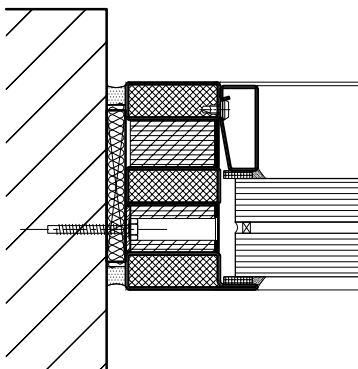
TYPICAL WALL ABUTMENTS



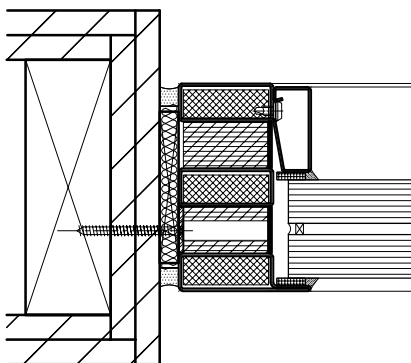
MASONRY WALL



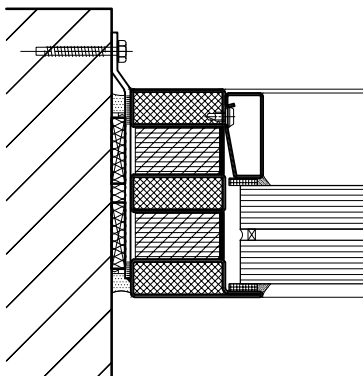
LIGHTWEIGHT FRAME WALL



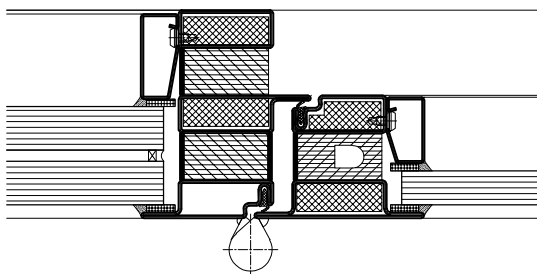
MASONRY WALL



LIGHTWEIGHT FRAME WALL



MASONRY WALL



FUEGO LIGHT HINGED DOOR