



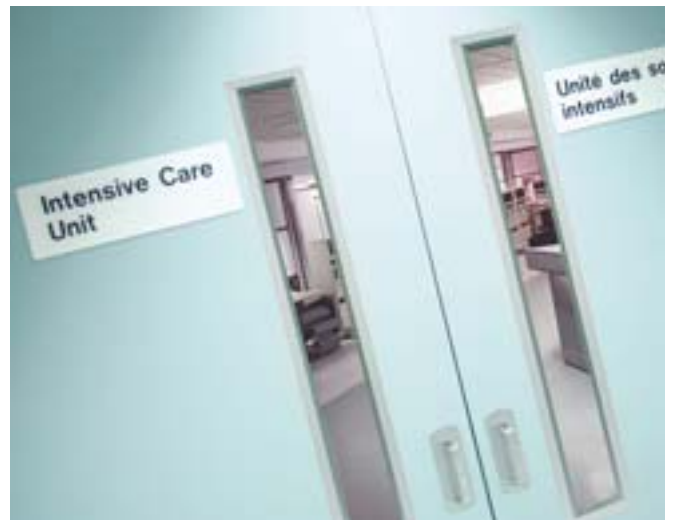
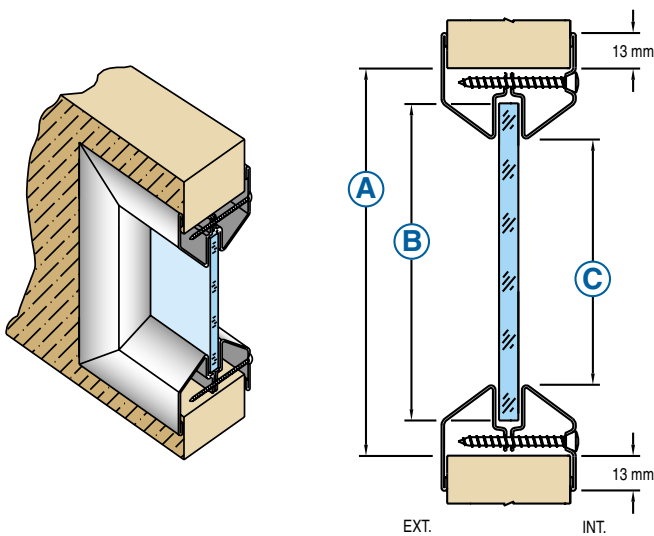
Anemostat[®]
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VISION PANELS

LoPro™ Lo-Profile Metal Vision Panel

VISION PANELS

- **MATERIAL:** 1 mm thick galvanised steel or #304 stainless steel (optional)
- **FINISH:** Silver Baked Enamel Painted in stock, other colors available
- **INSTALLATION:** Self attaching style. Uses sheet metal screws that pass through the door cutout, and fasten to the opposite side of the vision panel
- **DOOR THICKNESS:** 25 mm - 82 mm Metal or Wood Doors. Must specify thickness when ordering.
- **GLAZING:** 5 mm - 27 mm Fire and/or Safety rated glass. Must specify thickness when ordering.
- **AESTHETICS:** Low profile beveled glass stop provides a tapered look, with tight mitred corners.
- **FIRE TESTED:**
 - ▶ **BS-476.22** Steel Door- 120 min. Wood Door- 30/60 min.
 - ▶ **EN-1634** 30/60 min. integrity and insulation
 - ▶ **U.L. & W.H.I.** 20/45/60/90/180 min.



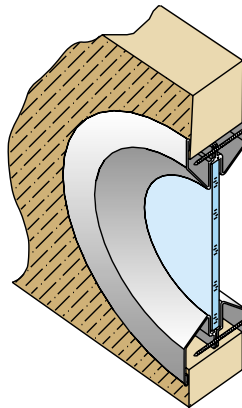
LoPro	A	Door Cutout	B	Glass Size	C	Clear Vision
		178 mm x 559 mm (7 x 22)		152 mm x 533 mm		127 mm x 508 mm
		203 mm x 762 mm (8 x 30)		178 mm x 737 mm		152 mm x 711 mm
		254 mm x 1219 mm (10 x 48)		229 mm x 1194 mm		203 mm x 1168 mm
		254 mm x 1524 mm (10 x 60)		229 mm x 1499 mm		203 mm x 1473 mm
		305 mm x 305 mm (12 x 12)		279 mm x 279 mm		254 mm x 254 mm
		305 mm x 457 mm (12 x 18)		279 mm x 432 mm		254 mm x 406 mm
		457 mm x 457 mm (18 x 18)		432 mm x 432 mm		406 mm x 406 mm
		457 mm x 610 mm (18 x 24)		432 mm x 584 mm		406 mm x 559 mm
		508 mm x 762 mm (20 x 30)		483 mm x 737 mm		457 mm x 711 mm
		610 mm x 762 mm (24 x 30)		584 mm x 737 mm		559 mm x 711 mm

Type	AA1	AB1	BB1	DD1
Door Thickness	44 mm to 70 mm	34 mm to 70 mm	25 mm to 60 mm	50 mm to 70 mm
E + EW EN-1634.1 B.S. 476.22				
EI 30 EN-1634.1				
EI 60 EN-1634.1				
Glazing Tape	GT-18 3 mm 3 mm Compresses from 6 mm - 3 mm		GT-14 6.4 mm 6.4 mm Compresses from 12 mm - 7 mm	
IMPORTANT: Dimension limitations only apply to Fire Doors				

AA1 Order Code	AB1 Order Code	BB1 Order Code	DD1 Order Code
LP-AA1 GLV 722	LP-AB1 GLV 722	LP-BB1 GLV 722	LP-DD1 GLV 722
LP-AA1 GLV 830	LP-AB1 GLV 830	LP-BB1 GLV 830	LP-DD1 GLV 830
LP-AA1 GLV 1048	LP-AB1 GLV 1048	LP-BB1 GLV 1048	LP-DD1 GLV 1048
LP-AA1 GLV 1060	LP-AB1 GLV 1060	LP-BB1 GLV 1060	LP-DD1 GLV 1060
LP-AA1 GLV 1212	LP-AB1 GLV 1212	LP-BB1 GLV 1212	LP-DD1 GLV 1212
LP-AA1 GLV 1218	LP-AB1 GLV 1218	LP-BB1 GLV 1218	LP-DD1 GLV 1218
LP-AA1 GLV 1818	LP-AB1 GLV 1818	LP-BB1 GLV 1818	LP-DD1 GLV 1818
LP-AA1 GLV 1824	LP-AB1 GLV 1824	LP-BB1 GLV 1824	LP-DD1 GLV 1824
LP-AA1 GLV 2030	LP-AB1 GLV 2030	LP-BB1 GLV 2030	LP-DD1 GLV 2030
LP-AA1 GLV 2430	LP-AB1 GLV 2430	LP-BB1 GLV 2430	LP-DD1 GLV 2430

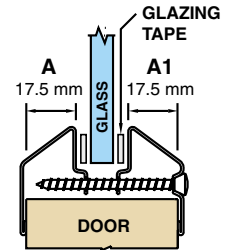
Lo-FP Lo-Profile Round Metal Vision Panel

- **MATERIAL:** 1 mm thick galvanised steel or #304 stainless steel (LoFP-12 only)
- **FINISH:** Silver Baked Enamel Painted in stock, other colors available
- **INSTALLATION:** Self attaching style.
- **DOOR THICKNESS:** 45 mm - 70 mm
- **GLAZING:** 5 mm - 27 mm, must specify
- **FIRE TESTED:**
 - ▶ BS-476.22 Steel Door- 120 min.
Wood Door- 30/60 min.
 - ▶ EN-1634 30/60 min. integrity and insulation
 - ▶ U.L. & W.H.I. 20/45/60/90/180 min.

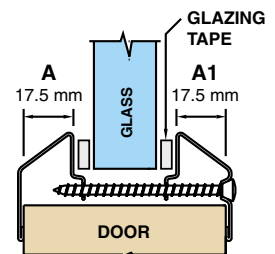


Type: AA1
Door Thickness: 45 mm to 70 mm

E + EW
EN-1634.1, B.S. 476.22



EI 30/60
EN-1634.1

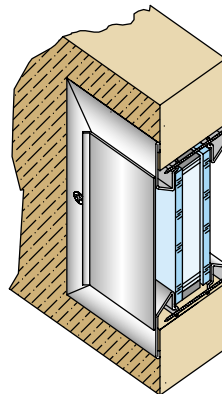


Lo-FP	Order Code	Door Cutout	Glass Size	Clear Vision
	LoFP-12 GLV AA1	305 mm Ø	279 mm Ø	254 mm Ø
	LoFP-12 SS AA1	305 mm Ø	279 mm Ø	254 mm Ø
	LoFP-18 GLV AA1	457 mm Ø	432 mm Ø	406 mm Ø

Other Models Available

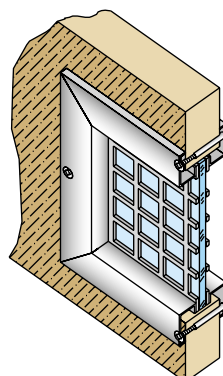
LoPro-SC Security Vision Panel

- **MATERIAL:** Frame: 1.0 mm steel
Operating Cover: 1.5 mm one side
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** Self Attaching Style
- **DOOR THICKNESS:** 44 mm - 70 mm Metal or Wood Doors
- **GLAZING:** 5 mm - 27 mm, must specify
- **FIRE TESTED:** U.L. & W.H.I. 20/45/60/90/180 min.



SL-IS Security Vision Panel

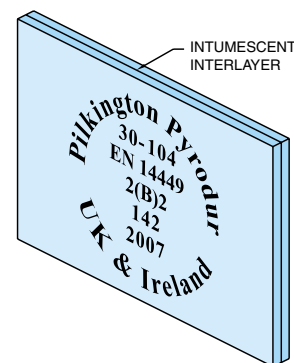
- **MATERIAL:** Frame: 1.2 mm steel
Security Grille: 2.5 mm steel two sides
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** By drilling 6 mm holes through the door. Frame has countersunk mounting holes with phillips head through bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** 44 mm - 60 mm Metal or Wood Doors
- **GLAZING:** 5 mm - 40 mm fire or safety glass
- **FIRE TESTED:** U.L. & W.H.I. 20/45/60/90/180 min.





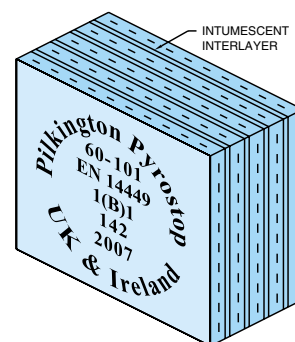
Pilkington Pyrodur®

- **THICKNESS:** 7 mm or 13 mm
- **MATERIAL:** Laminated using the same advanced technology as Pilkington Pyrostop®, combining glass and a special interlayer that turns to foam during a fire.
- **INSTALLATION:** Pilkington Pyrodur® shall be glazed into the appropriate fire-rated framing with setting blocks and 1.6 mm fire-rated glazing tape to both sides of glass.
- **FIRE TESTED:** EW - Integrity and Reduced Radiant Heat
 - ▶ EW-30 7 mm Pyrodur 30-104, Internal
 - ▶ EW-60 13 mm Pyrodur 60-201, External
 - ▶ EW-60 10 mm Pyrodur 60-101, Internal
 - ▶ U.L. 20/30 min.
 - ▶ EW-30 10 mm Pyrodur 30-204, External



Pilkington Pyrostop®

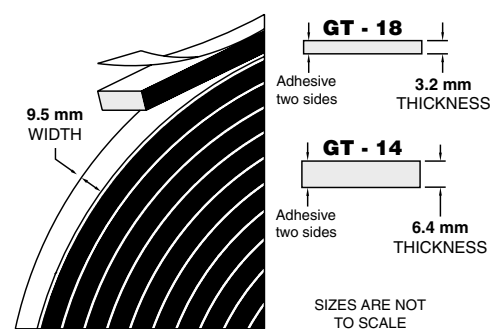
- **THICKNESS:** 15 mm and 23 mm
- **MATERIAL:** Manufactured using multiple layers of float glass laminated with transparent intumescent interlayers.
- **INSTALLATION:** Pilkington Pyrostop® shall be glazed vertically into approved fire-rated framing setting blocks located at the quarter points for proper support of the glass. Glaze with closed cell PVC tape and/or silicone wet seal.
- **FIRE TESTED:** EI - Integrity and Insulation
 - ▶ EI-30 15 mm Pyrostop 30-101, Internal
 - ▶ EI-60 27 mm Pyrostop 60-201, External
 - ▶ EI-60 23 mm Pyrostop 60-101, Internal
 - ▶ U.L. 20/45/60/90/120 min.
 - ▶ EI-30 19 mm Pyrostop 30-200, External



Glazing Tape

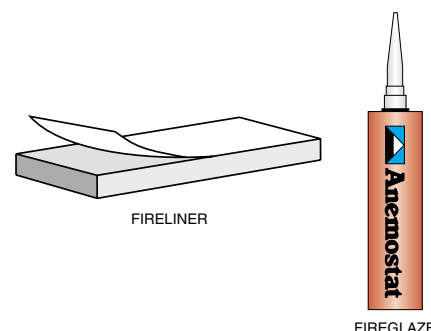
- **THICKNESS:** 3.2 mm and 6.4 mm
- **MATERIAL:** Closed Cell Polyvinyl Chloride Foam Tape with pressure sensitive adhesive on two sides, protected with a paper or polyethylene liner.
- **INSTALLATION:** Peel off from roll and place exposed adhesive side directly on to clean surface of vision frame or glass to be glazed. Do not remove liner until sealant is in proper position.
- **FIRE TESTED:**
 - ▶ BS-476.22 Steel - 60 min.
Wood - 30 min.
 - ▶ EN-1634* 30/60 min. integrity and insulation
 - ▶ U.L. & W.H.I. 20/45/60/90/180 min.

*Must also use Fireglaze (steel and wood doors) and Fireliner (wood doors only) to achieve results



Intumescent

- **SIZE:** Fireglaze - 300ml tube, Fireliner - 20 mm strip
- **INSTALLATION:** Fireliner around door cutout (wood doors only). Fireglaze at the base of the glazing to create a barrier to heat.
- **FIRE TESTED:**
 - ▶ BS-476.22 Steel - 60 min.
Wood - 60 min.
 - ▶ EN-1634* 30/60 min. integrity and insulation
 - ▶ U.L. & W.H.I. 20/45/60/90 min.

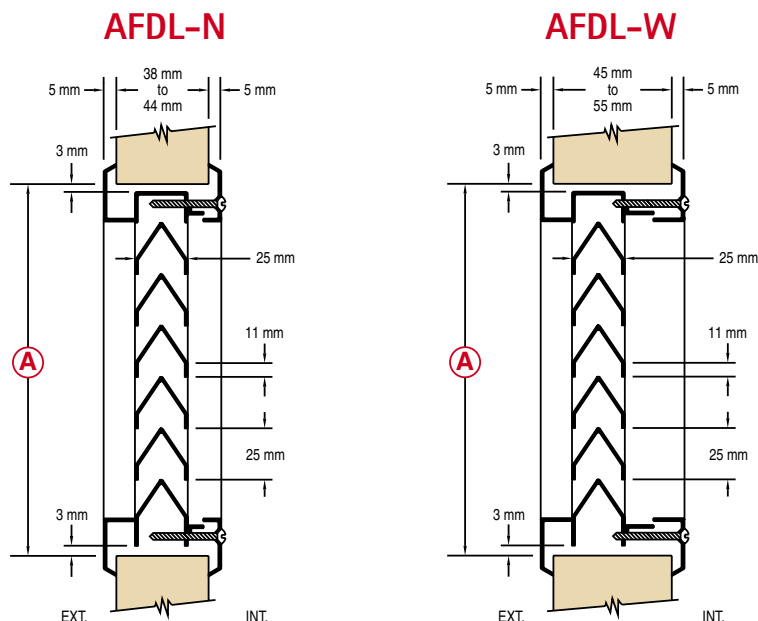
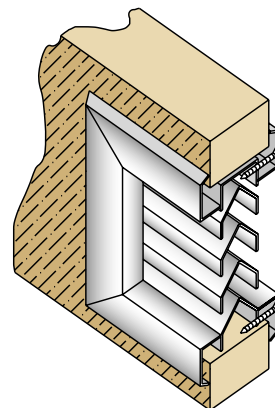


DOOR LOUVRES

AFDL-N, AFDL-W

AFDL-N (38 mm to 44 mm), AFDL-W (45 mm to 55 mm), Non-Vision Inverted "Y" Louvre

- MATERIAL:** Frame: 1.2 mm galvanised steel
Blades: .75 mm galvanised steel
- FINISH:** Silver Baked Enamel Painted in stock, other colors available
- INSTALLATION:** Our top selling louvre is preferred because of its self attaching style of installation. Screws fasten the auxiliary frame to the louvre core, through the door aperture. This method saves time and installation labor and leaves the corridor side of the frame free of fasteners, for added security and a clean aesthetic appearance.
- DOOR THICKNESS:** Expandable from 38 mm to 55 mm Metal or Wood Doors
- AESTHETICS:** Tight mitred corners, no visible welds and countersunk mounting holes.



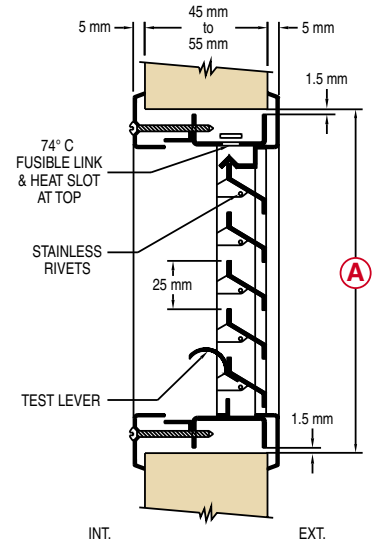
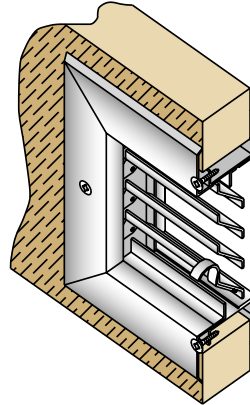
AFDL	A Door Cutout	AFDL-N Order Code	AFDL-W Order Code
	305 mm x 203 mm (12 x 8)	AFDL-N GLV 128	AFDL-W GLV 128
	305 mm x 305 mm (12 x 12)	AFDL-N GLV 1212	AFDL-W GLV 1212
	457 mm x 305 mm (18 x 12)	AFDL-N GLV 1812	AFDL-W GLV 1812
	457 mm x 457 mm (18 x 18)	AFDL-N GLV 1818	AFDL-W GLV 1818
	610 mm x 457 mm (24 x 18)	AFDL-N GLV 2418	AFDL-W GLV 2418
	610 mm x 610 mm (24 x 24)	AFDL-N GLV 2424	AFDL-W GLV 2424







FLDL-W

Fire Rated Fusible Link Louvre

- **MATERIAL:** Frame and Blades - 1.2 mm galvanised steel
- **FINISH:** Silver Baked Enamel Painted in stock, other colors available
- **INSTALLATION:** Self attaching method is an easy time and labor saving installation. Screws fasten the auxiliary frame to the louvre core thru the door aperture.
- **DOOR THICKNESS:** Expandable from 45 mm to 55 mm Metal or Wood Doors
- **FIRE TESTED:** BS-476.22 Steel Doors- 120 min. U.L. & W.H.I. 20/45/60/90 min.
- **FUNCTION:** Louvres incorporate a stainless steel spring loaded fusible link located in the top channel of the louvre core. The link activates at 74°C closing the louvre blades to the fire.



FLDL-W	A	Door Cutout	Order Code
 	A	457 mm x 305 mm (18 x 12)	FLDL-W GLV 1812
		457 mm x 457 mm (18 x 18)	FLDL-W GLV 1818
 	A	610 mm x 457 mm (24 x 18)	FLDL-W GLV 2418
		610 mm x 610 mm (24 x 24)	FLDL-W GLV 2424

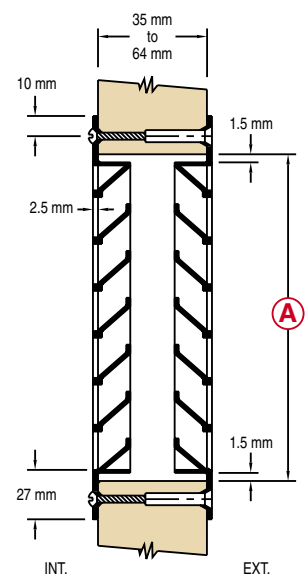
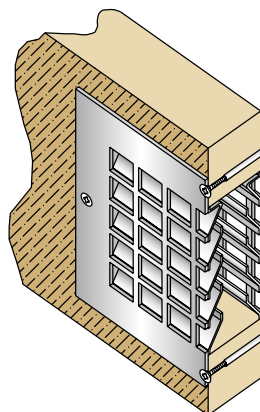
DOOR LOUVRES

Other Models Available

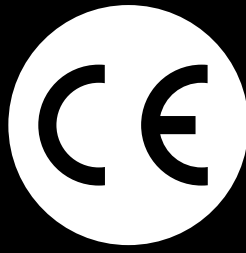
PLSL

Security Door Louvre

- **MATERIAL:** Frame: 2.5 mm steel
Security Grille: 2.5 mm steel
Louvre Blades: 1.2 mm steel
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** By drilling 6 mm holes through the door. Frame has countersunk mounting holes with phillips head through bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** 35 mm - 64 mm Metal or Wood Doors



Test Standards



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