



LISTING INFORMATION OF

AIS Glass Solutions - Pyrobel-T Fire Rated Glazing Panes

SPEC ID: 84057

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LISTING INFORMATION

Pyrobel-T are tempered laminated glazing panes with transparent intumescent interlayers capable of fire resistance performance in doors and partition applications. They comply with Integrity and Radiation (EW) criteria as well as Integrity and Insulation (EI) criteria as per EN 1364-1/EN 1634-1/IS 16945/IS 16947 test standards in different types of framing systems/applications as summarized below:

Pyrobel-T Range

12mm thick Pyrobel-T-12:

S.No.	Test Standard	Application	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size for E120 Rating mm x mm (w x h)
1	EN 1634-1/IS 16947	Door	EW 120 /EI 30	Steel	899 x 2116	1034 x 2208 938 x 2433
2	EN 1364-1/IS 16945	Partition	EW 120 /EI 30	Steel	1190 x 2250	1428 x 2269 1200 x 2700

16mm thick Pyrobel-T-16:

S.No.	Test Standard	Application	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size for E120 Rating mm x mm (w x h)
1	EN 1364-1/IS 16945	Partition	EW 120/ EI 30	Steel	1411 x 2886	1693 x 2910 1423 x 3463
2	IS 16947	Sliding double door	EW 120/ EI 30	Steel	1027 x 2365	NA
3	EN 1634-1/IS 16947	Door	EW 120/ EI 30	Steel	1110 x 2380	1276 x 2483 1158 x 2737

Pyrobel-T EW30-16:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EW 30	Timber	2000 x 3894	2000 x 4500
2	EN 1364-1	EW 30	Steel	2000 x 4020	2000 x 4500
3	EN 1364-1	EW 30	Steel	3500 x 1500	4200 x 1500 3500 x 1800
4	EN 1364-1	EI 20/EW 30	Aluminium	1800 x 4000	2000 x 4350 1930 x 4500
5	EN 1364-1	EW 30	Steel	2000 x 4000	2000 x 4400 2200 x 4000

Pyrobel-T EW60-16:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size	EXAP Size
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				mm x mm (w x h)	mm x mm (w x h)
1	EN 1364-1	EW 60	Steel	1500 x 3500	1500 x 4200 1800 x 3500

Pyrobel-T EW90-16:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EW 90	Steel	1500 x 3500	1500 x 4200 1800 x 3500

Pyrobel-T EW120-16:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EW 120	Steel	1500 x 3500	1500 x 3900 1800 x 3500

Pyrobel-T EI30-18:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 30	Timber	2000 x 3894	No
2	EN 1364-1	EI 30/EW 60	Steel	2000 x 3885	2000 x 4500

Pyrobel-T EI30-18 DGU:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 30	Aluminium	1500 x 3500	No

Pyrobel-T EI30-22 Vision Line:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 20/EW 30	Steel	2000 x 3844	2000 x 4228

Vision Line joints are formed using Kerafix FXL200 intumescent tape and Dow Corning DC 895 sealant on 4mm wide joints.

Pyrobel-T EI30-27 Vision Line:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 30	Steel	1500 x 4000	1800 x 4000 1500 x 4500

Vision Line joints are formed using Kerafix FXL200 intumescent tape and Dow Corning DC 895 sealant on 4mm wide joints.

Pyrobel-T EI60-28:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 60	Timber	2000 x 3850	2000 x 4235

2	EN 1364-1	EI 60	Steel	2000 x 3880	2000 x 4500
3	EN 1364-1	EI 60	Steel	2000 x 3850	2000 x 4500

Pyrobel-T EI60-28 DGU:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 60	Aluminium	1500 x 3200 2200 x 1678	1800 x 3200 1500 x 3840 2640 x 1678 2233 x 2000

Pyrobel-T EI60-34 Vision Line:

S.No.	Test Standard	Fire Rating	Profile System	Tested Glass Size mm x mm (w x h)	EXAP Size mm x mm (w x h)
1	EN 1364-1	EI 60	Steel	1500 x 3850	1800 x 4000 1500 x 4500

Vision Line joints are formed using Kerafix FXL200 (Gluske) intumescent tape and FireStop 700 sealant on 4mm wide joints.

The glazing panes must be installed in the different types of framing systems according to manufacturer's instructions as per the tested configurations using ceramic type glazing tapes and nominal edge cover of 15mm. Final product applications must be according to tested designs.

Note: EXAP (Extended Application) sizes, where applicable, are allowed based on the overrun time achieved in the fire tests.

Attribute	Value
Certificate Date of Expiry	December 31, 2025
Certificate Date of Initial Registration	June 06, 2025
Certificate Number	WHI25-44344301
Criteria	EN 1364-1 (2015)
Criteria	EN 1634-1:2014+A1(2018)
Criteria	IS 16945 (2018)
Criteria	IS 16947 (2018)
CSI Code	08 80 00 Glazing
Glazing	Fire Rated Glass
Listing Section	GLAZING/GLASS
Spec ID	84057