



Walls, Ceilings and Associated Equipment | Exterior Walls | Walls and Ceilings - Interior and Exterior Use

ISOFIRE WALL series, ISOFIRE WALL PLISSÉ series, ISOFIRE ROOF series



Product Summary

Product	Green Product	Primary Class of Work	Application	Class 1 Type/Rating	Height Restriction	Listing Country	Certification Type
ISOFIRE WALL series, ISOFIRE WALL PLISSÉ series, ISOFIRE ROOF series		4881	Walls and Ceilings	Inert Faced with Noncombustible Core	No Height Restriction	Italy	FM Approved

Product Specification

Product	Panel Thickness		Core Material	Panel Width		Min Panel Length		Min Interior Facer Thickness		Min Exterior Facer Thickness		Facer Material
	in	(mm)		in	(mm)	ft	(m)	in	(mm)	in	(mm)	
ISOFIRE WALL series	2.0 - 7.9	(51 - 201)	mineral wool	39.4 (1001)		8 (2.4)		0.021 (0.53)		0.021 (0.53)		galvanized steel stainless steel
ISOFIRE WALL PLISSÉ series	2.0 - 7.9	(51 - 201)	mineral wool	39.4 (1001)		8 (2.4)		0.021 (0.53)		0.021 (0.53)		galvanized steel stainless steel
ISOFIRE ROOF series	2.0 - 7.9	(51 - 201)	mineral wool	39.4 (1001)		8 (2.4)		0.021 (0.53)		0.021 (0.53)		galvanized steel stainless steel

*optional pre-finished coatings/paints

Interior Installation Requirements

Flashing	All inside corners covered with minimum 0.031 x 3.9 x 3.9 in. (0.80 x 100 x 100 mm) coated (optional) steel flashing fastened maximum 11.8 in. (300 mm) on center.
Sealant/Gasket/Caulking	optional

Exterior Installation Requirements and Ratings



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Product	Panel Thickness		Panel Width		Securement	Hail Rating	Wind Pressure Rating and Zone	Max Support Steel Spacing		Min Support Steel Thickness		Min Support Steel Yield Stress	
	in	(mm)	in	(mm)				in	(mm)	in	(mm)	ksi	(MPa)
ISOFIRE WALL series	2.0 - 7.9	(51 - 201)	39.4	(1001)	Fastening System A	Severe (SH)	+75/-75 Zone TC	59.1	(1501)	0.11	(2.79)	50.0	(345)
ISOFIRE WALL PLISSÈ series	2.0 - 7.9	(51 - 201)	39.4	(1001)	Fastening System A	Severe (SH)	+75/-75 Zone TC	59.1	(1501)	0.11	(2.79)	50.0	(345)
ISOFIRE ROOF series	2.0 - 7.9	(51 - 201)	39.4	(1001)	Fastening System A	Severe (SH)	+75/-75 Zone TC	59.1	(1501)	0.11	(2.79)	50.0	(345)

Fastening System A - Through-fastened every panel / support interface (59.1 in. (1500 mm) oc) with Ejot JT3-6-5.5xL with E16 washer with seal, 5 fasteners across panels width; fastener spaced 1.2 in. (30 mm) from panel male edge then spaced 8.7 in. (220 mm) on center.

Details

Class of Work : 4881 - Exterior Wall Systems

Application : Walls and Ceilings

Certification Type : FM Approved

Class 1 Type/Rating : Inert Faced with Noncombustible Core

Green Product Types : This product contains no urea-formaldehyde

Height Restriction : No Height Restriction

Listing Country : Italy

Category : Walls and Ceilings - Interior and Exterior Use

Company

Isopan SpA

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