



INSTALLATION MANUAL

ORYX® Collar FX 330

Version 1.3, 24-08-2017 (English)

According to European Technical Assessment ETA 16/0220

INSTALLATION MANUAL

ORYX® Collar FX is a fire collar for creating fire-resistant penetrations in walls and floors. ORYX® Collar FX fire collars comprise a moisture-resistant intumescent material surrounded by a stainless-steel casing. In the event of fire, they expand to fully seal the openings from fire, smoke and heat.

FITTING INSTRUCTIONS

- The surface around the pipe must be flat and free of obstructions
- Seal the aperture around the pipe ≤ 10 mm with ORYX® Acrylic FR, when ≥ 10 mm with mortar
- Open the seal, fit the fire collar and secure the collar by folding it 180°
- Secure the collar to the surface using 50 x 8 mm metal screws (never use plastic fastening materials)

The distance between the collars may be 0 mm. The pipe must be supported max. 300 mm from the separating element.

For floor penetrations the collar must be fitted to the underside of the floor. For wall penetrations on both sides of the wall, except when the side at risk from fire is known, in which case only that side needs to be fitted with a collar.

PACKAGING AND STORAGE

Keep dry and frost-free at temperatures between +5°C and +30°C

SAFETY REQUIREMENTS

The product does not contain any substances classified in line with Directive 67/548/EEC and Regulation (EC) No. 1272/2008 as stated in the list of hazardous substances of the EGDS. For further information, please refer to the Safety Data Sheet.

All information about our products and applications can be found at www.oryx.pro

Field of application

Solid wall, thickness ≥ 100 mm						
Type	Aperture sealing (pipe-wall)	Material	Diameter (mm)	Wall thickness (mm)	Insulation (mm)	Classification
FX 330	≤ 10 mm with ORYX® Acrylic FR	PVC	≤ 160	1.8 - 9.5	None	EI 90 U/U
		PE, ABS, SAN+PVC	≤ 160	2.7 - 14.6		EI 60 U/U
		PP	≤ 140	2.0 - 4.3		
		Metal	≤ 114	1.5 - 14.2	Elastomer ≤ 19	EI 120 U/C

Flexible wall, thickness ≥ 100 mm						
Type	Aperture sealing (pipe-wall)	Material	Diameter (mm)	Wall thickness (mm)	Insulation (mm)	Classification
FX 330	≤ 10 mm with ORYX® Acrylic FR	PVC	≤ 160	2.4 - 9.5	None	EI 90 U/U
		PE, ABS, SAN+PVC	≤ 160	3.0 - 14.6		EI 60 U/U
		PP	≤ 140	2.0 - 4.3		

Solid floor, thickness ≥ 150 mm						
Type	Aperture sealing (pipe-wall)	Material	Diameter (mm)	Wall thickness (mm)	Insulation (mm)	Classification
FX 330	≤ 10 mm with ORYX® Acrylic FR	PVC	≤ 160	1.8 - 10.0	None	EI 90 U/U
		PE, ABS, SAN+PVC	≤ 160	3.7 - 11.6		EI 120 U/U
		PP	≤ 110	1.8 - 2.7		EI 90 U/U
		PB	≤ 75	3.7 - 6.8		
		Metal	≤ 114	1.5 - 14.2	Elastomer ≤ 19	EI 60 U/C

Dimensions

ORYX® Collar FX 330		
Type	Diameter (mm)	Height (mm)
FX 330	40	30
	55	30
	60	30
	65	30
	75	30
	82	30
	90	30
	110	30
	125	45
	140	45
	160	45



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Pipe penetration seal
 ORYX® Collar FX330

Use category Y₂

see ETA-16/0220 for other
 relevant characteristics

DISCLAIMER

The content of this brochure has been compiled with the greatest possible care and is only intended for information purposes. The information contained herein does not constitute a partial or full guarantee or proposal for which we are liable. We reserve the right to change or alter product specifications.

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