Ersätter: 2014-10-27

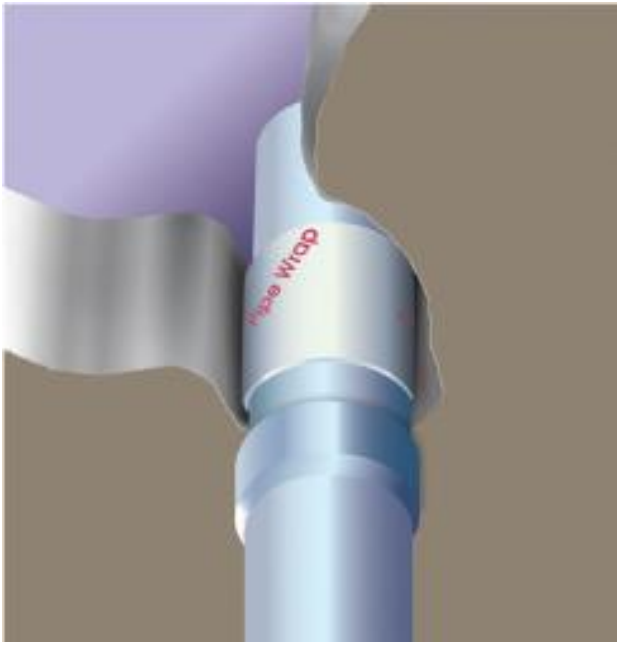
Datum: 2016-10-10

Firepipe Wrap

55mm-250mm and 50 MMx25 M ROLL

Designed to maintain the fire resistance of fire separating walls and floors when these are breached by continuous plastic pipes or metal pipes with combustible insulation, and may be used in gypsum, masonry or concrete walls and concrete floors.

Each pipe wrap consists of a graphite based reactive intumescent strip which reacts to heat and closes the opening left by the softening plastic pipe or pipe insulation in fire.
The pipe wrap is installed completely around the pipes or insulation and secured with the self-adhesive tab. The annular space around the pipe wrap is sealed with Casco® EX Mortar or FireBoard.



FIRE CLASSIFICATION – TABLE

PENETRATION TYPE & MAX DIMENSIONS	MINIMUM WIDTH AND NUMBER OF LAYERS OF PIPE WRAP	CLASSIFICATION
FLEXIBLE AND RIGID WALL CONSTRUCTIONS ≥ 100MM		
≤ Ø110mm PVC-U & PVC-C pipe	50 x 3.6mm (2 layers) both sides	E 120 U/C, C/C EI 90 U/C, C/C
Ø125mm PVC-U & PVC-C pipe	50 x 5.4mm (3 layers) both sides	E 120 U/C, C/C EI 90 U/C, C/C
Ø160mm PVC-U & PVC-C pipe	50 x 7.2mm (4 layers) both sides	E 120 U/C, C/C EI 90 U/C, C/C
RIGID FLOOR CONSTRUCTIONS ≥ 150MM		
≤ Ø110mm PVC-U & PVC-C pipe	75 x 1.8mm (1 layer), or 50 x 3.6mm (2 layers) soffit side	EI 180 C/C
Ø125mm PVC-U & PVC-C pipe	50 x 7.2mm (4 layers) soffit side	EI 180 C/C
Ø160mm PVC-U & PVC-C pipe	50 x 10.8mm (6 layers), or 75 x 5.4mm (3 layers) soffit side	EI 180 C/C

Please note: The minimum permitted separation between adjacent seals/apertures is 20cm. An aperture can include several services, and they may also be different. Services should be a minimum of 30mm from seal edges or other services so that the fire seals can be correctly fitted around each service. Services in floors require a minimum separation of

10cm from other services. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.

Supporting construction: Flexible walls must have a minimum thickness of 100 mm and comprise steel studs lined on both faces with minimum 2 layers of 12.5 mm thick boards.
The walls must also incorporate a full fill core insulation of stone wool (35kg/m3 density). Rigid walls and floors must comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m3.
The service support must be classified in accordance with EN 13501-2 for the required fire resistance period.

CERTIFICATION

This Installation Instruction is based on the product's European Technical Assessment, issued in accordance with regulation (EU) No 305/2011, on the basis of ETAG 026-2 and 3, edition 2011, used as European Assessment Document (EAD).

INSTALLATION

1. Fix a suitable pipe wrap around the service penetration and fasten with the tape as tightly as possible in order to prevent any excess opening between the pipe wrap and the service.

2. In floors, only one pipe wrap is required to be installed flush with the soffit so that the edge of the wrap is visible from the underside when back-filled. For walls it is normal to fit a wrap on both sides of the wall, again with the edge just visible.

3. Where wraps are installed in hollow core slabs or planks, the tubular voids should be filled with stone-wool insulation, normally the same thickness as the depth of the floor.

4. Once the wrap is securely installed, using a suitable shuttering board, cast around the pipe wrap with Casco® EX Mortar to the required depth.

5. The Casco® FR Pipe Wrap may be installed in a Casco® FR Board. Cut the hole around the penetrating service to be sealed slightly oversize so that the pipe wrap may be slid in to the middle of the board. Finally the end of the pipe wrap is sealed with Casco® FR Acrylic on both outer sides.

PACKAGE SIZE

PRODUCT	PACKAGE SIZE	SGAN
FIREPIPE WRAP 55 MM	25 PCS	494397
FIREPIPE WRAP 82 MM	25 PCS	494398
FIREPIPE WRAP 110 MM	25 PCS	494399
FIREPIPE WRAP 125 MM	20 PCS	494400
FIREPIPE WRAP 160 MM	12 PCS	494517
FIREPIPE WRAP 200 MM	1 PCS	494518
FIREPIPE WRAP 250 MM	1 PCS	494519
FIREPIPA WRAP50 MMX25 M ROLL	1 PCS	494520

ENVIRONMENTAL ASPECTS

For additional health and safety information consult the Safety Data Sheet.

Certifierad enligt:

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