



FIRESTOP CENTRE

Authorised New Zealand Distributor
Ph (09) 483 4000 www.firestopcentre.co.nz

FIRESTOP Duct Wrap-38 Rectangular duct (up to 1800 x 1000mm) Concrete Wall (90mm thick or greater) One-way Internal Fire



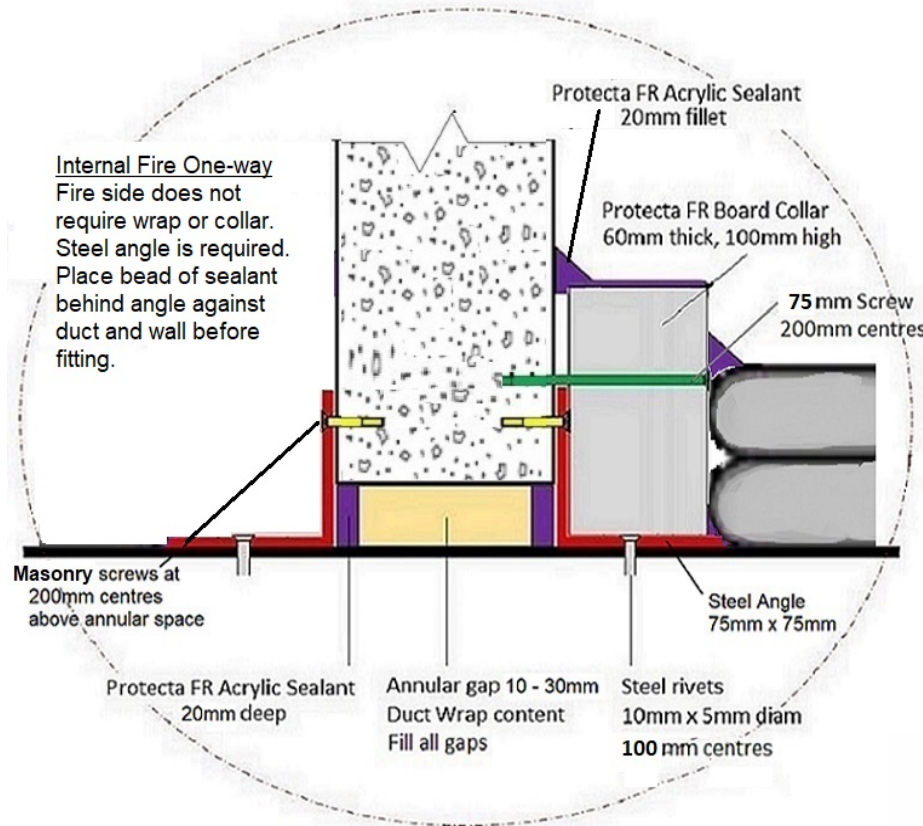
Report FTSL AR23108, Pages 7, 16, 18
FAS AS1530.4-2014 AS4072.1-2005

System ID# FC229

INSTALLATION INSTRUCTIONS

1. Aperture to have annular gap 10 - 30mm.
2. Place unfoiled Firestop Duct Wrap material compressed nominally 30% into the annular gap with 20mm recess each side. Ensure any gaps in corners, etc are filled to the required compression.
3. Seal each side of the wall with 20mm deep Protecta FR Acrylic Sealant.
4. Attach 1.2mm thick steel angle 75mm x 75mm to all sides. Fix to the duct with steel rivets 10mm x 5mm diam at 100mm centres in the centre of the angle. Fix to the wall with masonry screws (min 40mm) at 200mm centres high enough to clear the annular space. Apply a bead of Protecta FR Acrylic Sealant behind the steel angle on the fire side and seal any joints or corner gaps with Protecta FR Acrylic Sealant.
5. On the non-fire side construct a collar minimum 100mm high from Protecta FR Board (60mm 2-sided) and fix directly to the wall with 8-10g x 75mm screws with penny washers at 200mm centres (passing above the steel angle).
6. Use Protecta FR Acrylic Sealant to fill any gaps in the collar. Then apply a 20mm fillet at the wall/collar joint and the duct/collar/angle joint. Finally cover the exposed cut edges of the collar with Protecta FR Acrylic or Protecta FR Coating.
7. Install the Firestop Duct Wrap layers on the non-fire side and seal the wrap/collar junction with Protecta FR Acrylic.

NOTE: Diagram shows 2 layer system, but see details on right for number of layers



Products	FIRESTOP Duct Wrap-38 Protecta FR Board Protecta FR Acrylic
Application	Fire stopping of rectangular duct penetrating a concrete or masonry wall
Construction	Concrete or masonry wall min 90mm thick

Fire Classification	NOTE: For general instructions on installing FIRESTOP Duct Wrap-38 see Installation Instructions sheet on Firestop Centre website.
Internal Fire	For 90mm thick wall: Single layer wrap FRR 60/60/30 Add 1400mm second layer FRR 60/60/60
	For 120mm thick wall: Single layer wrap FRR 120/120/30 Add 1400mm second layer FRR 120/120/60 Add 1900mm second layer FRR 120/120/120

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For all technical details on the products specified please refer to the technical data sheets that can be found on www.firestopcentre.co.nz

Signed and approved:



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