



FIRESTOP CENTRE

Authorised New Zealand Distributor
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FIRESTOP Duct Wrap-38 Rectangular Duct (up to 1800 x 1000mm) Concrete Wall (100mm thick or greater) Internal or External Fire Oversize Aperture up to 200mm



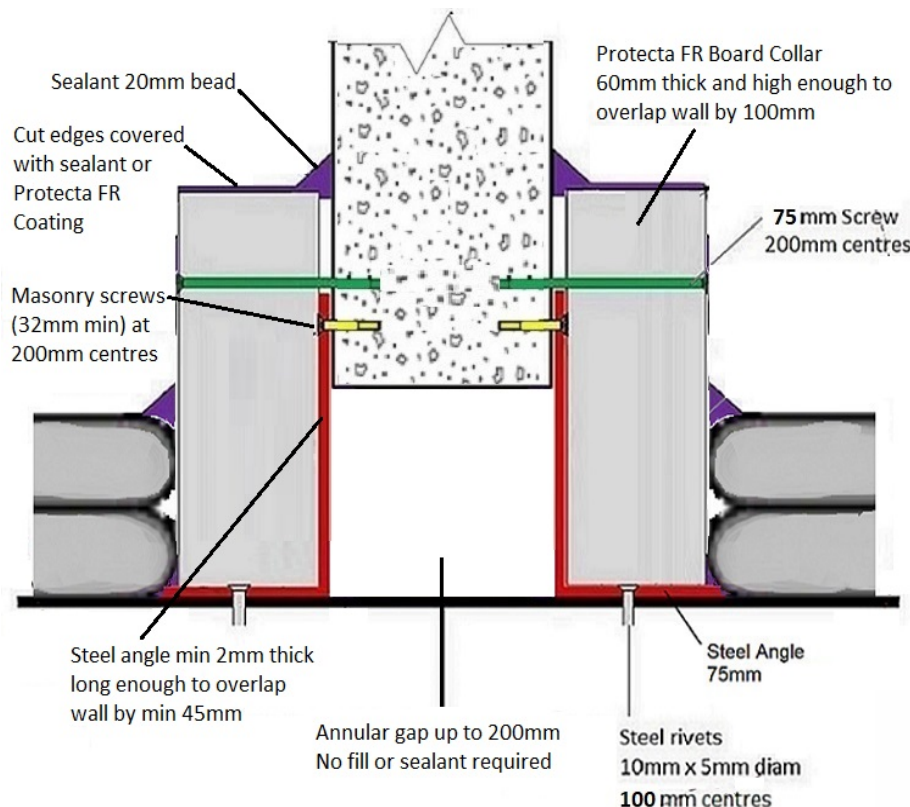
Report AR23108, Pages 22-24, 27, 29
FAS AS1530.4-2014 AS4072.1-2005

System ID# FC876

INSTALLATION INSTRUCTIONS

- Aperture may have annular gap up to 200mm.
- Sealants permitted for this system are Protecta FR Acrylic or FIRESTOP Ultra. Either may be used.
- Construct lengths of angle from 2mm thick steel (note thicker steel required than for systems with only 30mm annular gaps). One side of the angle to be 75mm and the other side to be long enough to overlap the wall by at least 45mm.
Fix to the duct with steel rivets 10mm x 5mm diam at max 100mm centres.
Fix to the wall with masonry screws (min 32mm) at max 200mm centres high enough to clear the annular space. Ensure a fixing at max 50mm from each end of an angle section on both wall and duct.
Apply sealant to any joints or corner gaps.
- Apply beads of sealant to each face of the angle. Construct a collar from Protecta FR Board (60mm 2-sided) high enough to overlap the wall by at least 100mm.
Fix to the wall with 8-10g x 75mm screws with penny washers at 200mm centres (passing above the steel angle). Ensure a fixing at max 50mm from the end of each collar section.
- Fill any joints in the collar with sealant. Then apply a 20mm sealant fillet at the wall/collar joint and the duct/collar/angle joint. Finally cover the exposed cut edges of the collar with sealant or Protecta FR Coating.
- Install the Firestop Duct Wrap layers as specified and apply a sealant fillet at the wrap/collar junction.

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 or FIRESTOP Ultra
Application	Fire stopping of rectangular duct penetrating a concrete or masonry wall
Construction	Concrete or masonry wall min 100mm thick

Fire Classification

NOTE: For general instructions on installing FIRESTOP Duct Wrap-38 see [Installation Instructions](#) sheet on Firestop Centre website.

Internal Fire Only:

Single layer wrap	FRR 120/120/30
Add 1400mm second layer	FRR 120/120/60
Add 1900mm second layer	FRR 120/120/120

External and Internal Fire:

Single layer wrap	FRR 60/60/30
Double layer wrap	FRR 120/120/120

NOTE: Where the FRR of the wall is less than the FRR of the above system, the system FRR is reduced to match the wall.

As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Firestop Centre has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied are intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.



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