



FIRESTOP CENTRE

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

FIRESTOP Duct Wrap-38 Circular duct (up to 1000mm diam) Plasterboard wall (1x13mm or 2x13mm) Internal or External Fire



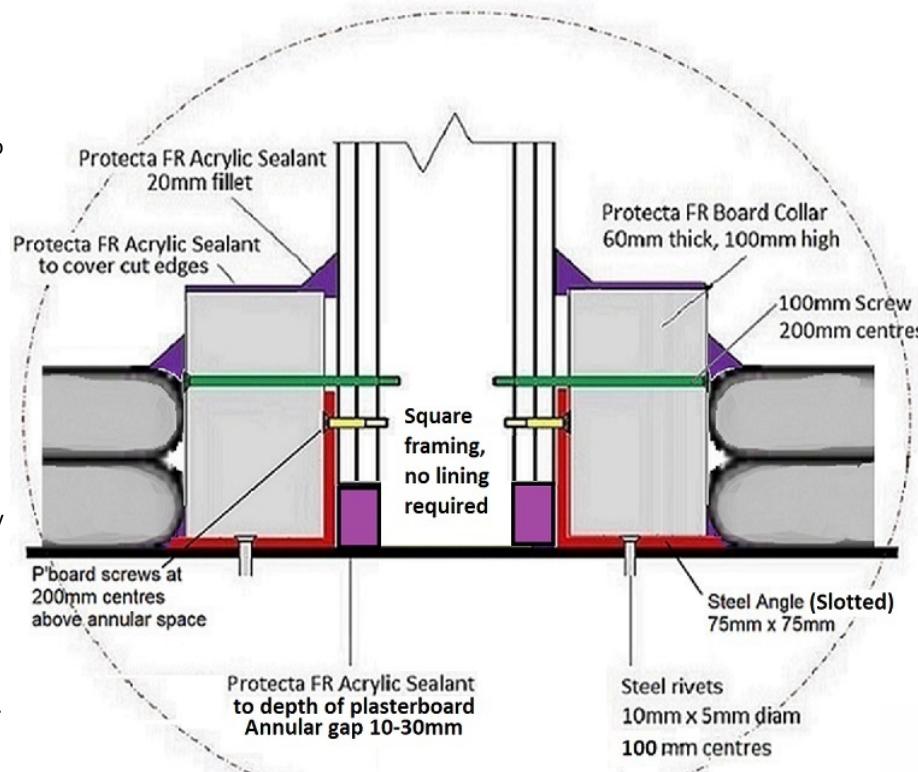
Report FTSL AR23108, Pages 11,17, 19, 20
FAS AS1530.4-2014 AS4072.1-2005

System ID# FC546

INSTALLATION INSTRUCTIONS

- Aperture must be framed in a square leaving 10-30mm annular gap to the duct.
- Cut a circular aperture in the plasterboard with an annular gap of 10-30mm to the duct. No lining required.
- Seal each side of the wall with Protecta FR Acrylic Sealant to the depth of the plasterboard.
- Attach 0.8mm thick slotted steel angle 75mm x 75mm bent around the duct on 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 plasterboard screws (min 40mm) at 200mm centres high enough to clear the annular space. Fix at all points where framing is available and every second slot in between.
Seal any joints or gaps with Protecta FR Acrylic Sealant.
- Construct a collar curved to fit the duct minimum 100mm high from Protecta FR Board (60mm 2-sided) and fix directly to the wall with 8-10g x 100mm screws with penny washers at 200mm centres (passing above the steel angle).
- 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.
- Install the Firestop Duct Wrap layers as specified 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 circular duct penetrating a plasterboard wall
Construction	Plasterboard wall min 90mm thick steel or timber stud with 1 or 2 layers of 13mm fireboard

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

Internal Fire	
For 1 x 13mm walls 60min:	
Single layer wrap	FRR 60/60/30
Add 1900mm second layer	FRR 60/60/60
For 2 x 13mm walls 120min:	
Single layer wrap	FRR 120/120/30
Add 1900mm second layer	FRR 120/120/60
Add 4300mm second layer	FRR 120/120/120
External Fire	
For 1 x 13mm walls 60min:	
Double layer wrap	FRR 60/60/60
For 2 x 13mm walls 120mins:	
Double layer wrap	FRR 120/120/90

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.

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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