



FIRESTOP CENTRE

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

FIRESTOP Duct Wrap-25 Circular duct (up to 300mm diam) Plasterboard wall (1x13mm or 2x13mm) Concrete Wall (min 90mm thick) One Way System Internal Fire



Report AR23108-2, Pages 6, 7, 13
FAS AS1530.4-2014 AS4072.1-2005

System ID# FC542

Products	FIRESTOP Duct Wrap-25 FIRESTOP Ultra Sealant
Application	Fire stopping of circular duct penetrating a plasterboard or concrete wall
Construction	Plasterboard wall min 90mm thick steel or timber stud with 1 or 2 layers of 13mm fireboard or concrete wall min 90mm

Fire Classification

NOTE: For general instructions on installing FIRESTOP Duct Wrap-25 see [Installation Instructions](#) sheet on Firestop Centre website.

Internal Fire

Single layer wrap	FRR 120/120/30
Add 1300mm second layer	FRR 120/120/60

Where the FRR of the wall is less than above then the FRR of the penetration is reduced to match the wall.



FIRESTOP

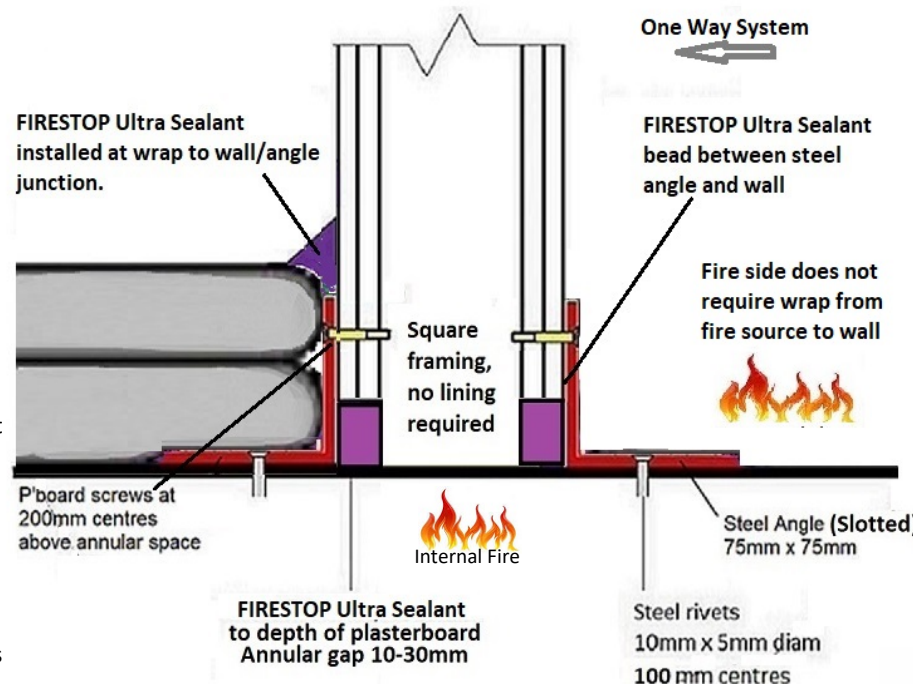
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INSTALLATION INSTRUCTIONS

- Plasterboard wall aperture must be framed in a square leaving 10-20mm annular gap to the duct then cut a circular aperture in the plasterboard with an annular gap of 10-20mm to the duct. No lining required.
- Concrete wall to be core-drilled with 10-20mm annular gap.
- For plasterboard wall, seal each side with FIRESTOP Ultra Sealant to the depth of the plasterboard.
- For concrete wall, fill annular gap with unfoiled duct wrap material finished with 20mm FIRESTOP Ultra or Protecta FR Acrylic sealant both sides.
- Apply a bead of sealant to the wall and 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.
Fix to the wall with appropriate fixing screws (min 32mm) at 100mm centres high enough to clear the annular space. For plasterboard walls, fix at all points where framing is available and every second slot in between.
Seal any joints or gaps with FIRESTOP Ultra Sealant.
- Apply a 20mm fillet of FIRESTOP Ultra Sealant at the wall/angle joint and the duct/angle joint.
- On the non-fire side, install the Firestop Duct Wrap layers as specified and seal the wrap/wall junction with FIRESTOP Ultra Sealant.

NOTE: Diagram shows 2 layer wrap system, but see details on right for number of layers
Diagram shows 2-layer plasterboard wall, but system applies to single layer or concrete walls. See installation Instructions for details.



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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: