



FIRESTOP CENTRE

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

FIRESTOP Duct Access Hatch Circular Duct (minimum 300mm diameter) Horizontal or Vertical Orientation Internal or External Fire

FireTS Lab

Report AR23108, Pages 33 - 34
AS1530.4-2014 AS4072.1-2005

System ID# FC805

Products	FIRESTOP Duct Access Hatch Protecta FR Board FIRESTOP Ultra Sealant FIRESTOP Duct Wrap-38
Application	Fire stopping of an access hatch in a circular duct
Construction	Any circular duct 300mm diameter or greater

Fire Classification

NOTE: FIRESTOP Access Hatches will match the FRR of the duct they are installed in up to FRR 120/120/120. Where the duct system has an FRR less than 120 then the Access Hatch rating will be correspondingly reduced.

Internal or External Fire

Any circular duct with diameter 300mm or greater

FRR 120/120/120



FIRESTOP

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INSTALLATION INSTRUCTIONS

1. Position the lid on the duct and mark the cutout using the lid as a template. Apply a 10mm diam bead of FIRESTOP Ultra Sealant to the duct approx 40mm from the cutout on all sides.
2. Attach the frame using steel dome-head rivets 10mm x 5mm diam. Check that no sharp edges of cut duct are showing and clean up with a grinder if necessary.
3. Construct collar sections from Protecta FR Board (60mm 2-sided) to fit into the 50mm recesses in the frame on all four sides with a coated section facing outwards. Trim the FR Board to fit the sides of the circular duct and coat any exposed uncoated or damaged surfaces with Protecta FR Coating or FIRESTOP Ultra Sealant. Fix the collar in place with four pigtail screws at the overlaps top and bottom of each section to lock the four sections of the Protecta FR Board together around the frame.
4. Apply a 10mm bead of FIRESTOP Ultra Sealant to the hatch frame/duct junction and seal all Protecta FR Board collar joints and frame junctions with FIRESTOP Ultra Sealant.
5. Install FIRESTOP Duct Wrap-38 according to the system specified for the duct. Seal the junction of the wrap and the Protecta FR Board with FIRESTOP Ultra Sealant. If the system calls for two layers of wrap, seal each wrap layer separately against the collar.
6. Carefully lower the lid into position and secure with the clamps. The hatch is now installed. If a safety chain is fitted, attach it to the lid handle.



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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: