

TECHNICAL DATA SHEET

FIREBLOCK FIRE DAMPER PERIMETER PACKING

Product description and typical applications

Baron FireBLOCK is manufactured from a robust, resilient rockwool insulation material encapsulated in a dead soft, 50 micron malleable aluminium foil with joins in the foil sealed with a self adhesive aluminium foil tape.

FireBLOCK is used as packing around fire dampers to meet the requirements of AS1682.2 where the insulation packing around the damper needs a fusion temperature greater than 1000°C.

Standard Sizes and Packs

Thickness (mm)	Width (mm)	Length (mm)	Pieces per pack	Nom. pack weight (kg)
19	75	3600	5	4.7
19	100	3600	5	6.2
19	150	3600	5	9.2
19	200	3600	5	12.2
19	250	3600	5	15.1

Other widths can be manufactured to order, also custom sizes to suit specific fire dampers can be made to order.

Fire Resistance

Rockwool and tape components when tested in accordance with AS1530 Part 3 exhibit the following Early Fire Hazard Indices:

Ignitability	0	Spread of flame	0
Heat Evolved	0	Smoke developed	0

Fusion temperature greater than 1000°C.

Corrosion Resistance

Rockwool is faintly alkaline therefore will not corrode steel. The insulation may contain up to 20ppm soluble chlorine, but as it is encapsulated in aluminium should not cause issues with austenitic stainless steel

Product Use

FireBLOCK can be cut to length from rolls to suit the circumference of a fire damper before installation or the total may be made from multiple lengths of FireBLOCK. The wrap is fitted around the fire damper with joins taped with Baron aluminium foil self adhesive tape. The fire damper is then installed in the penetration.

FireBLOCK can be cut easily with scissors or a knife, open ends should be taped directly after cutting to prevent insulation loss. FireBLOCK can also be installed after a fire damper is in place, care must be taken to ensure the whole space is filled with FireBLOCK.

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