

FIRESTOP DUCT WRAP-25 TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

FIRESTOP Duct Wrap-25 is a flexible blanket fully encapsulated in an aluminium foil, with a nominal density 96 kg/m³ and a nominal thickness of 25mm. The foil encapsulation of the blanket prevents water, moisture or grease ingress ensuring good integrity and preventing mould growth. The core fibres in FIRESTOP Duct Wrap-25 are manufactured using ceramic fibres classified for applications up to 1,260°C.

It is used as passive fire protection for circular HVAC ducts, smoke extraction ducts and penetration seals for ducts up to 300mm diameter and is particularly useful in situations where space is limited.

FIRESTOP Duct Wrap-25 has been developed, designed and locally tested in vertical and horizontal orientations for internal fire to AS1530.4 2014 Section 9 and is fully compliant with NZBC.



PRODUCT PROPERTIES

- Tested to AS1530.4-2014 (internal fire)
- Passive fire protection systems designed & developed for the NZ construction market
- Flexible & easy to install in tight spaces
- Lightweight
- Contours easily to complex duct design
- Secured simply with FIRESTOP Cable Ties
- Easy to repair

TECHNICAL PARAMETERS

Temperature Grade (°C)	1260
Recommended operating Temperature (°C)	1000
VOC	0
Fire Group number classification as per EN13501-1	A1
Surface Burning as per ASTM E84	Flame Spread Rating < 25 Smoke Developed Rating < 50

STANDARD SPECIFICATION

Density (kg/m ³)	96
Thickness (mm)	25
Thermal Resistance (R-value)	0.71
Width (mm)	1,000
Length (mm)	5,000
Foil Thickness (mm)	0.03
Packaging	1 roll/carton

APPLICATION

FIRESTOP Duct Wrap-25 is suitable for application in commercial and residential projects as well as in specialised buildings & constructions.

Recommended Applications:

- Fire resistant enclosure for domestic or commercial kitchen grease ducts
- Stair pressurization ducts
- Life safety air and ventilation ducts.