

Conlit



General Product Information

ROCKWOOL® ROCKWOOL stone wool products are non-combustible with a melting point of approximately 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction / absorption. ROCKWOOL stone wool is inorganic and contains no nutritious substance. Therefore it will not be attacked by microorganisms. Stone wool will not rot, does not attract vermin. No CFCs, HFCs, HCFCs, or asbestos are used in the manufacture of ROCKWOOL stone wool products.

Applications

Conlit is a specially formulated stone wool product. It can withstand high temperature under fire to be used as part of the passive fire protection systems.

For Conlit C, the product is designed with high compression resistance, recommended to use in the penetration seal system where fire resistance testing is required. Conlit C helps the penetration seal system to achieve its desired system fire rating to meet local building fire regulation.

For Conlit H, the product is designed to withstand fire exposure for a longer period with minimal shrinkage. Conlit H has been used by fire door manufacturers for fire-resistance testing.

Facings

Conlit products are available unfaced or with aluminium foil facing.

Packaging and storage

Conlit is shrink-wrapped in polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under a waterproof covering.



Technical Parameters

Properties	H110	C160	Standards
Dimensions: Thickness (mm) Length & Width (mm)	25, 50, 75, 100 mm 1200 mm x 600mm	25, 50, 75, 100 mm 1200 mm x 600mm	
Density	110 kg/m ³	160 kg/m ³	
Thermal Conductivity at 20°C 20°C λ Values (W/mK)	0.039 W/mK	0.039 W/mK	ASTM C177/C518
Melting Point	≥ 1000°C		EN 13501-1
Fire Performance	A1 Fire Classification		ASTM C1104/C1104M
Water Absorption (Partial Immersion)	Less than 0.5kg/m ²		EN1609:97

* Note: Please note that Conlit H110 product appears to be dark greyish in colour due to the characteristic of the product.
* Please refer to your ROCKWOOL sales representative for the local authority's required approvals



Disclaimer: The information contained in this data sheet is believed to be correct at the date of publication. ROCKWOOL does not accept responsibility for the consequences of using Safing for Curtain Wall in applications different from those described above.

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