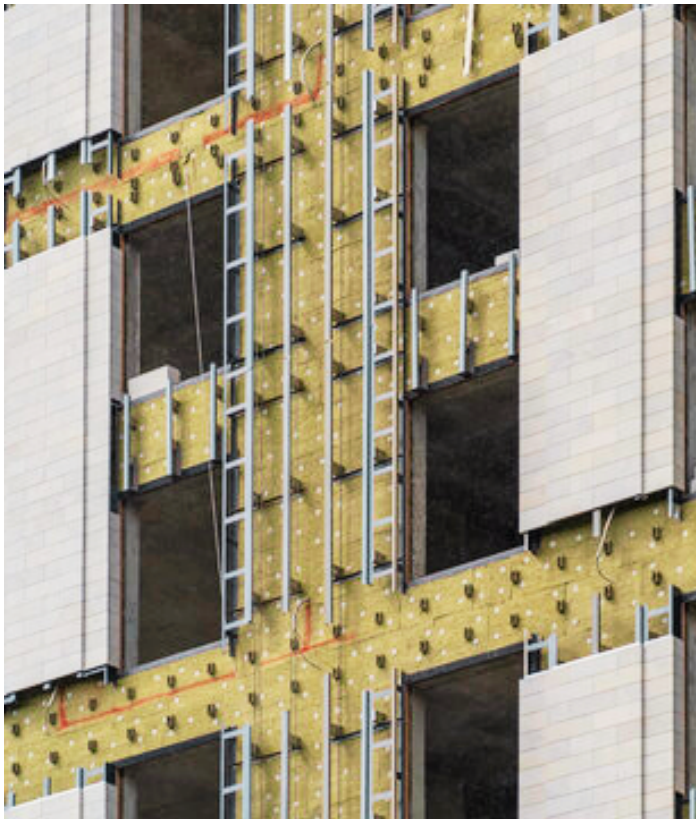


# RAINSCREEN STONE WOOL INSULATION



## GENERAL PRODUCT INFORMATION

D-ROCK Stone Wool insulation products are made of basalt, a volcanic stone together with limestone and dolomite rock.

D-ROCK Stone Wool products are Not-Deemed-Combustible and are particularly suitable for thermal insulation, fire protection and sound reduction or absorption.

Our advanced manufacturing technology ensures the consistent product quality of D-ROCK Stone Wool Insulation creating a high-fibre density and low shot content for reliable performance.

D-ROCK Stone Wool is inorganic and contains no nutritious substance. Therefore, it will not be attacked by microorganisms. Stone wool will not rot and does not attract vermin.

No CFCs, HFCs, HCFCs, or asbestos are used in the manufacture of D-ROCK Stone Wool products.

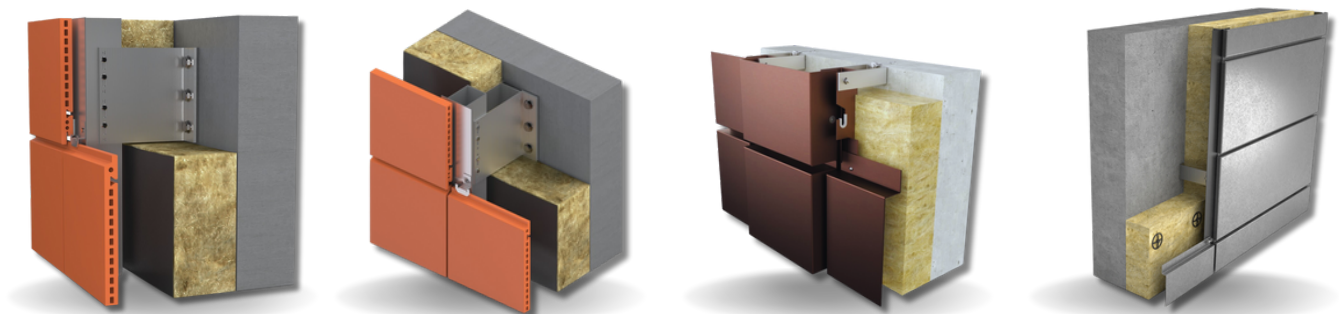
## Applications

D-ROCK Rainscreen façade insulation is suitable for thermal, acoustic and fire insulation and is suitable for use on all buildings, commercial, industrial, and residential construction whilst offering compliance to fire and thermal building regulations

D-ROCK Rainscreen façade insulation is designed for use as an external sheathing insulation in rainscreen façade systems.

## Facings

Optional performance facing materials can be applied to one or both sides including black facings for open rainscreen applications.



## D-ROCK RAINSCREEN BENEFITS

### Fire Performance

Deemed not combustible when tested to AS/NZS1530.1, D-ROCK Rainscreen outperforms most other insulation materials in passive fire protection applications.

### Thermal Performance

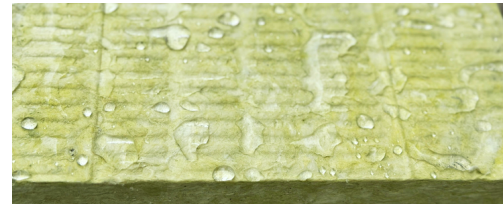
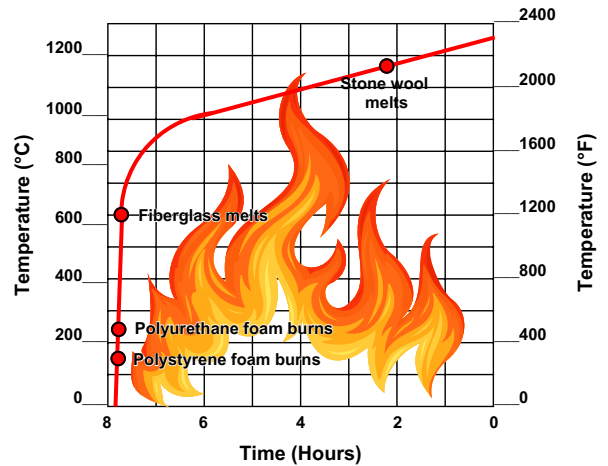
D-ROCK Rainscreen's ROBUST STRUCTURE AND HIGH DENSITY is ideal for the harsh façade conditions in maintaining its thermal resistance for the life of the building.

### Moisture Performance

Once installed, the D-ROCK Rainscreen product's high density works in combination with a factory applied water repelling agent to give improved resistance to pressure driven rain events and won't trap damaging moisture levels in the building by releasing the outward vapour drive. This moisture control system will aid in the reduction of mould and other bacterial growth add in within the wall cavity system.

### Compliance to the Building Code

Confidence in the materials compliance to the relevant building codes helps support the important certification process. The continuous assessment of D-ROCK Rainscreen Insulation to upcoming code changes ensures readiness for use in your new building as we work to "future proof" your buildings.



\*Repells wind driven rain\*

FIRE PROPERTIES				STANDARD
Combustibility		Deemed not combustible		AS/NZS1530.1
Fire Hazard Properties		Ignitability: 0	Spread of flame: 0	AS1530.3-1999
		Heat Evolved: 0	Smoke Developed: 2	
FRL		<b>Structural</b>	<b>Integrity</b>	<b>Insulation</b>
D-ROCK Fire Block*		-	180	120
*Continuous FRL - Passive Fire Cavity Block		-	180	120

THERMAL PROPERTIES						STANDARD
D-ROCK 80kg/m <sup>3</sup>	25mm	50mm	75mm	100mm	125mm	AS/NSZ 4859.1:2018
R-Value	0.71 m <sup>2</sup> .K/W	1.43 m <sup>2</sup> .K/W	2.14 m <sup>2</sup> .K/W	2.86 m <sup>2</sup> .K/W	3.57 m <sup>2</sup> .K/W	
K-Value	0.035 W/m.K	0.035 W/m.K	0.035 W/m.K	0.035 W/m.K	0.035 W/m.K	

ACOUSTIC PROPERTIES						STANDARD
NRC	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	ISO 354:2003 ASTM C423-22
0.85	0.59	0.93	1	0.93	0.89	

PACKAGE QUANTITIES							
Standard Size	Length 1200mm - Width 600mm						
Thickness	25mm	50mm	75mm	90mm	100mm	125mm	150mm
Batts per Pack	12	6	4	3	3	2	2
m <sup>2</sup> per Pack	8.64	4.32	2.88	2.16	2.16	2.16	1.44



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