



RocksilK DriTherm Cavity Slab

Description

RocksilK DriTherm Cavity Slab is a semi-rigid slab of non-combustible rock mineral wool with a water-repellent additive. It is dimensioned to fit between wall-ties at standard spacings.

Application

For the thermal insulation of masonry cavity external walls. It is 455mm wide to suit standard horizontal wall tie spacings allowing a closed joint with adjacent slabs.

RocksilK DriTherm Cavity Slab is approved for use in buildings up to 12m high in any exposure zone and for use in multi-storey applications up to 25m in height – see Certification.

Standards

RocksilK DriTherm Cavity Slab is made from non-combustible, inorganic rock wool, defined as mineral wool in BS 3533: 1981 and is manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001: 2000.

Product Data Table

Thickness	Thermal conductivity	Thermal resistance	Length	Width	Slabs per pack	Area per pack	Packs per pallet
(mm)	(W/mK)	(m ² K/W)	(mm)	(mm)		(m ²)	
100	0.037	2.70	1200	455	5	2.73	15
85	0.037	2.25	1200	455	6	3.28	15
75	0.037	2.00	1200	455	7	3.82	15
65	0.037	1.75	1200	455	8	4.37	15
50	0.037	1.35	1200	455	10	5.46	15

All dimensions are nominal

Performance

Thermal

RocksilK DriTherm Cavity Slab has a thermal conductivity of 0.037 W/mK.

Fire

RocksilK DriTherm Cavity Slab is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits

- Excellent thermal and fire insulation
- British Board of Agrément Certificate for all exposure zones
- Water repellent
- Acts as a cavity barrier



Certification

Rocksilk DriTherm Cavity Slab is certified by BBA Certificate 05/4207 which approves its use in buildings up to 12 m in height in any exposure zone, and in multi-story applications up to 25m in height.

Approval can be sought from Knauf Insulation and the BBA for Rocksilk DriTherm Cavity Slabs installed in buildings over 25m high.

Durability

Rocksilk DriTherm Cavity Slab is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

It is suitable for use at normal building temperatures and is dimensionally stable under varying conditions of temperature and humidity.

Environmental

Rocksilk DriTherm Cavity Slab is free from CFCs, HCFCs and any other material with ozone depletion potential in their manufacture and content and represents no known threat to the environment.

Rocksilk DriTherm Cavity Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.

Vapour Resistivity and Condensation

Rocksilk DriTherm Cavity Slab offers virtually no resistance to water vapour, allowing water vapour to pass freely through the slab.

Moisture Resistance

Rocksilk DriTherm Cavity Slab contains a water repellent additive to ensure that no liquid water is able to pass through the slab and reach the inner leaf of masonry.

Tests by the British Board of Agrément confirm that Rocksilk DriTherm Cavity Slab will not transmit water to the inner leaf. Nor will it transmit moisture by capillary action across the cavity or from below DPC level.

Handling and Storage

Rocksilk DriTherm Cavity Slab is easy to handle and install, being lightweight and easily cut to size.

Rocksilk DriTherm Cavity Slabs are supplied in packs in Supakube pallets. For longer term outside storage (stock or site) the pallets should be stored under a secure waterproof covering. Rocksilk DriTherm Cavity Slab not be left permanently exposed to the elements.

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