



June 2011

RoofMax

For flat roofs

Description

RoofMax is a high strength, rigid slab made from rock mineral wool, manufactured using Krimpack technology, which provides high levels of compressive strength and thermal performance.

Application

RoofMax is used for the thermal insulation of flat roofs, and is suitable for use under all kinds of single ply membrane, hot applied bitumen systems and mastic asphalt, and is suitable for maintenance foot traffic only.

Standards

RoofMax is made from non-combustible inorganic rock wool, defined as mineral wool in EN ISO 9229, and is manufactured in accordance with Product Standard BS EN 13162 and Quality Assurance Standard BS EN ISO 9001.

Performance

Thermal Conductivity

RoofMax has a thermal conductivity from 0,035 to 0,039 W/mK depending on thickness and quality as specified on next page

Fire

RoofMax is classified as Euroclass A1 to EN ISO13501-1.

Benefits

- Excellent thermal performance
- Superior compression resistance
- Excellent acoustic insulation
- Superior fire performance - Euroclass A1 to EN ISO13501-1
- Lightweight product offering low weight to compressive strength ratio

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Durability

RoofMax is non-hygroscopic and is treated to ensure it's water repellency. It is rot proof, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria, and is odourless and non-hygroscopic.

Vapour resistance - resistivity

RoofMax offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00 MN.s.g.m.

Environmental

RoofMax is free from CFCs, HCFCs and any other material with ozone depletion potential in it's manufacture and content and represents no known threat to the environment. **It's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

	Thickness	Lambda value	R value	Width	Length	Area per pack	Compressive strength
	(mm)	(W/mK)	(m ² K/W)	(mm)	(mm)	(m ²)	(kPa)
RoofMax Extra	20	0.035	0.55	600	1800	120.96	60
	20	0.035	0.55	900	1200	120.96	60
	20	0.035	0.55	1200	1800	120.96	60
	30	0.039	0.75	600	1800	86.40	80
	30	0.039	0.75	1200	1800	86.40	80
RoofMax 50 CR	30	0.038	0.75	1200	1800	86.40	50
	50	0.038	1.30	600	1800	51.84	50
	100	0.038	2.60	600	1800	25.92	50
	150	0.038	3.90	600	1800	17.28	50
	180	0.038	4.70	600	1800	12.96	50
RoofMax 30 CR	50	0.037	1.35	600	1800	51.84	30
	50	0.037	1.35	900	1200	51.84	30
	100	0.037	2.70	600	1800	25.92	30
	100	0.037	2.70	900	1200	25.92	30
	120	0.037	3.20	600	1800	21.60	30
	150	0.037	4.05	600	1800	17.28	30
	150	0.037	4.05	900	1200	17.28	30
	180	0.037	4.85	600	1800	12.96	30

Note: Other thicknesses are available but subject to availability and request.

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