



Crown Universal Slabs

Description

Crown Universal Slabs are a range of semi-rigid to rigid, non-combustible, unfaced glass mineral wool slabs. They can be supplied with a bright class 'O' facing and in a range of densities from 24 to 48 kg/m³.

Product Data

Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Density (kg/m ³)	Length (m)	Width (mm)	Area per pack (m ²)	Slabs per pack
CS24							
100	0.035	2.85	24	1200	600	5.76	8
75	0.035	2.10	24	1200	600	7.20	10
50	0.035	1.40	24	1200	600	11.52	16
CS32							
100	0.034	2.90	32	1200	600	4.32	6
75	0.034	2.20	32	1200	600	5.76	8
50	0.034	1.45	32	1200	600	7.92	11
40	0.034	1.15	32	1200	600	10.80	15
25	0.034	0.70	32	1200	600	18.00	25
CS48							
75	0.032	2.30	48	1200	600	4.32	6
50	0.032	1.55	48	1200	600	5.76	8
40	0.032	1.25	48	1200	600	7.20	10
25	0.032	0.75	48	1200	600	10.80	15

All dimensions are nominal

Performance

Thermal

Crown Universal Slabs come in a range of thermal conductivities from 0.032 to 0.035 W/mK.

Fire

Crown Universal Slabs are classified as Euroclass A1 to BS EN ISO 13501-1.

Acoustics

Crown Universal Slabs have excellent sound absorption characteristics.

Benefits

- Wide range of densities available to suit individual system requirements
- Offer thermal, acoustic and fire resistant benefits
- Other dimensions and facings are available subject to enquiry



Application

Crown Universal Slabs are general purpose slabs for thermal and acoustic insulation. They are used in a wide range of applications.

Standards

Crown Universal Slabs are a non-combustible inorganic glass wool, defined as mineral wool in BS 3533: 1981 and are manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001: 2000.

Durability

Crown Universal Slabs are rot proof, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria. Crown Universal Slabs are odourless and non-hygroscopic.

Vapour resistance

Crown Universal Slabs offer virtually no vapour resistance, allowing water vapour to pass freely through the slab.

Environmental

Crown Universal Slabs are 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.

Crown Universal Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.

Handling and Storage

Crown Universal Slabs are easy to handle and install, being lightweight and easily cut to size.

They are supplied in polythene packs which are designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground. Installation instructions are on every pack.

Crown Universal Slabs should not be left permanently exposed to the elements.

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