



PRODUCT SHEET

ICEROCK SLABS

DESCRIPTION:

The Icerock mineral wool slabs are made from non-combustible, bio-soluble, basalt fiber. The fiber is mainly made from pure Icelandic basalt and consists mainly of silicon oxide with a number of other metallic oxides. The basalt is melted by hydro electric power, spun into fibers and binder added. The use of high performance melting and spinning technology ensures excellent consistency and high quality level. The slabs are easy to handle, extremely flexible and incorporate high levels of thermal conductivity, acoustic absorption and non combustibility.

OPERATING TEMPERATURE:

The limiting temperature of the fiber is more than 1000 °C but the slabs should not be used where temperatures are continuously above 250 °C.

STANDARDS:

The Icerock slabs are produced according to EN 13162:2001 and are non-combustible when tested in accordance with EN ISO 1182:2002.

QUALITY CONTROL:

The Icerock products are CE certified according to Directive 89/106/EEC and quality control is carried out independently by the Icelandic Building Research Institute.

DIMENSIONS AND DENSITIES:

The slabs are available in ten different densities and thickness can be chosen as follows:

| Thickness (mm) | | Slab size (mm) | Density (kg/m ³) | Thermal conductivity λ_D (W/mK) | Reaction to fire Euroclass |
|----------------|-----|----------------|------------------------------|---|----------------------------|
| min | max | | | | |
| 50 | 220 | 1200 x 600 | 33 | 0,037 | A1 |
| 40 | 220 | 1200 x 600 | 45 | 0,035 | A1 |
| 25 | 220 | 1200 x 600 | 60 | 0,035 | A1 |
| 20 | 220 | 1200 x 600 | 80 | 0,035 | A1 |
| 18 | 180 | 1200 x 600 | 100 | 0,036 | A1 |
| 18 | 140 | 1200 x 600 | 128 | 0,036 | A1 |
| 18 | 130 | 1200 x 600 | 140 | 0,038 | A1 |
| 18 | 120 | 1200 x 600 | 160 | 0,038 | A1 |
| 18 | 100 | 1200 x 600 | 180 | 0,038 | A1 |
| 18 | 90 | 1200 x 600 | 200 | 0,038 | A1 |

PACKAGING:

The slabs are shrink wrapped in polythene and delivered on pallets in 40 feet containers.

CUSTOMER SERVICE:

For further advice and information please contact Icerock Ltd. Iceland
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