



PRODUCT SHEET

ICEROCK ROLLS

DESCRIPTION:

The Icerock mineral wool rolls 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 rolls 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 rolls should not be used where temperatures are continuously above 250 °C.

STANDARDS:

The Icerock rolls 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 rolls are available in four widths 450, 600, 900 and 1800 mm. Four densities can be chosen in lengths and thickness as follows.

mm	23 kg/m ³	30 kg/m ³	45 kg/m ³	60 kg/m ³
20				10000
25			10000	10000
30		10000	10000	10000
40		10000	8000	8000
50	10000	10000	6000	5000
60	8500	8500	5000	
75	6500	6500	4000	
80	6000	6000		
90	5500	5500		
100	5000	5000		
125	4000			
150	3300			

THERMAL CONDUCTIVITY:

The Lambda λ value of the rolls are:

23	kg/m ³	0,040	W / m°C
30	kg/m ³	0,037	W / m°C
45	kg/m ³	0,035	W / m°C
60	kg/m ³	0,035	W / m°C

PACKAGING:

The rolls are shrink wrapped in polythene and delivered in 40 feet containers.

CUSTOMER SERVICE:

For further advice and information please contact Icerock Ltd. Iceland
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