



# PRODUCT SHEET

## ICEROCK LOOSE WOOL

### **DESCRIPTION:**

The Icerock Loose wool is 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, binder added, cured and granulated. The use of high performance melting and spinning technology ensures excellent consistency and high quality level.

The Icerock Loose wool is used as normal loft or cavity insulation or as high temperature insulation such as of chimneys or ovens.

### **OPERATING TEMPERATURE.**

The limiting temperature of the fiber is more than 1000 °C and the wool can be used up to 900 °C in closed spaces but the binder burns off when temperatures are continuously above 250 °C.

### **STANDARDS:**

The Icerock Loose wool complies fully to the relevant British and German standards and is non-combustible when tested in accordance with BS 476 part 4 1970.

### **QUALITY CONTROL:**

Quality control of the Icerock Loose wool is carried out independently by the Icelandic Building research Institute and FMPA research Institute in Stuttgart.

### **THERMAL CONDUCTIVITY:**

The typical Lambda 10 value of Loose wool is:

When blown at density of 32 kg / m<sup>3</sup>: 0.039 W/m°C

When blown at density of 42 kg / m<sup>3</sup>: 0,038 W/m°C

When blown at density of 52 kg / m<sup>3</sup>: 0,037 W/m°C

### **PACKAGING:**

The Loose wool is packed in 15 kg polythene bags, wrapped on pallets and delivered in 40 feet containers.

### **CUSTOMER SERVICE:**

For further advice and information please contact Icerock Ltd. Iceland

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