



Icerock®  
Steinull hf.

# PRODUCT SHEET

## Icerock Ductslab

### APPLICATION:

Icerock Ductslab provides excellent thermal and acoustic insulation for air conditioning, warm air and extract ducts, used in the internal and external environment, within plants rooms and boiler houses. Also used for insulation of water storage and expansion tanks.



### DESCRIPTION:

Icerock Ductslab consists of high quality mineral wool rolls faced with Bright Class '0' reinforced aluminium foil and bonded together with PE glue. 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. Ductslabs are easy to handle, 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 Ductslab should not be used where temperature is continuously above 250 °C.

### QUALITY CONTROL:

External quality control is carried out independently by the Innovation Centre Iceland.

### DENSITY AND PACKAGING:

Nominal density is 45 kg/m<sup>3</sup>. Slabs are packed in PE bags, stacked on pallets and shrink wrapped.

### DIMENSIONS AND DELIVERY:

Icerock Ductslab is available in the size 600 x 1200 mm and several thicknesses are available. Special sizes can be delivered upon request.

Thickness mm	Width mm	Length mm	Slabs pr. pack	Pack pr. pallet	Pallets in 40 ft. cont.	m <sup>2</sup> on each pallet	m <sup>2</sup> in full 40 ft. cont.
40	600	1200	15	24	10	259,20	2592,00
50	600	1200	12	24	10	207,36	2073,60
75	600	1200	8	24	10	138,24	1382,40
100	600	1200	6	24	10	103,68	1036,80

Dimension of each pallet is approximately: 1,2 x 2,2m and the height is 2,55m.

### THERMAL CONDUCTIVITY:

10°C - 0,033 W/m°C	50°C - 0,039 W/m°C	100°C - 0,048 W/m°C	150°C - 0,060 W/m°C
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### REACTION TO FIRE

Icerock Ductslab is non-combustible when tested to EN ISO 1182:2002 and is classified A1 when tested to its reaction to fire, according to EN 13501-1:2009-09.

### STANDARDS:

Icerock Ductslab is made from non-combustible inorganic stone wool which is manufactured in accordance with EN 13162:2008