



Icerock®
Steinull hf.

PRODUCT SHEET

Stokkaeinangrun T

APPLICATION:

Stokkaeinangrun T 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:

Stokkaeinangrun T 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 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, 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.

QUALITY CONTROL:

External quality control is carried out independently by the Innovation Centre Iceland and VTT Expert Services Ltd.

DIMENSIONS AND DENSITY

Stokkaeinangrun T has nominal density 80 kg/m³.

Thickn. mm	Width mm	Length mm	Quant. in cont.	
			Pcs.	m ²
30	900	9000	345	2794,50
40	900	6500	345	2018,25
50	900	5500	345	1707,75
60	900	4500	345	1397,25
80	900	3300	345	1024,65
90	900	3000	345	931,50
100	900	2500	345	776,25

Other sizes can be delivered upon request.



PACKAGING:

The rolls are shrink-wrapped in polythene and delivered on EURO pallets in 40 feet containers. 15 rolls are on each pallet and 23 pallets in container.

THERMAL CONDUCTIVITY:

Lambda value is 0,034 W/m°C (10 °C).

REACTION TO FIRE

Stokkaeinangrun T 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:

Stokkaeinangrun T is made from non-combustible inorganic stone wool. Produced and sold according to ISO 9001:2008 quality management system and CE marked according to EN 14303:2009. The production and sales of the Icerock products as well as the acquisition of the raw materials is certified according to the ISO 14001:2004 environmental management system which is important contribution to environmental sustainability and sustainable building.

CUSTOMER SERVICE:

For further advice and information please contact Icerock Ltd. Iceland.

Tel.: +354 455 3000, Fax.: +354 455 3019

Email: steinull@steinull.is