

VERMIKULIT

Chimney insulation



Uses

Vermikulit is above all designed to be a supporting insulating material around ducts in existing chimneys. Vermikulit fixes the duct and reduces the loss of flue temperature.

Design

Vermikulit is produced from a mineral of mica type. Originally, Vermikulit is made up of small, flat, thin pieces. When these for a short moment are exposed to 800-1000°C, the water molecules in the "mica" vaporize and the material expands up to 20 times its original volume.

The pH value is 7. The material contains small quantities of mineral combinations. The reaction is therefore normally alkalic.

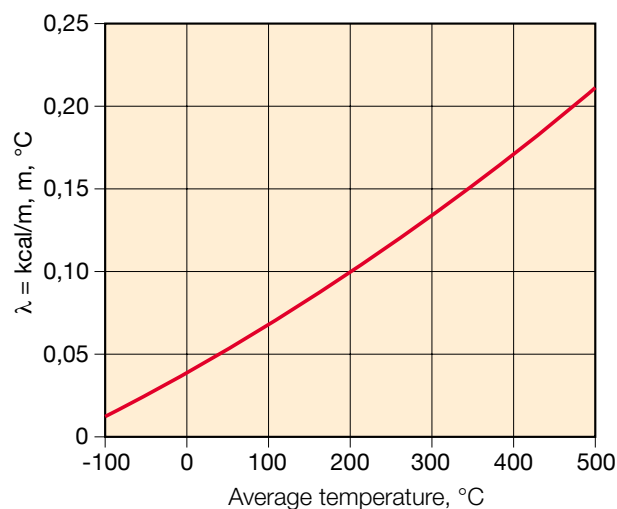
Max. temperature: 1100°C

Packing: 100 litres/bag.

Type of chimney/Material consumption (Vermikulit)

Dim. Ø	Brick size 250x250 mm	Half stone 125x125 mm
mm	l/m	l/m
80	15	32
90	14	30
100	12	29
110	10	27
120	5	25
125	7	24
152	-	19

Heat conduction



Size of grain	Weight by volume	PH value
4-8 mm	8,0 kg/100 l	7
3-6 mm	8,5 kg/100 l	7
2-4 mm	10,0 kg/100 l	7

When ordering, please state

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Product _____