



January 2013 / 3

KNAUF INSULATION

CHM S FLOCKS

Granulated rock mineral fibres for stainless steel chimney systems



DESCRIPTION

KNAUF INSULATION CHM S FLOCKS are rock mineral wool flocks made of virgin rock mineral wool. Due to their optimized properties, they are a perfect solution for thermal, sound and fire insulation of double-wall stainless steel chimneys. The higher lubricant content enables good flow of material in chimney insulation process.

APPLICATION

- Thermal and fire protection of **stainless-steel chimneys**.

TECHNICAL PROPERTIES OF KNAUF INSULATION CHM S FLOCKS

Characteristics	Designation	Value								Unit	Standard
Packaging density	-	200								kg/m ³	-
Reaction to fire	-	Euroclass A1								-	EN 13501
Melting point	-	> 1,000								°C	DIN 4102/T17
Ignition loss	-	max. 0.2								%wt	-
Moisture content	-	max. 0.05								%wt	-
Fibre diameter	-	approx. 4.5								µm	SK 109
Specific heat capacity	c _p	840								J/kgK	-
AS quality	-	Insulation of austenitic steel								-	EN 13468
Colour	-	Grey / Green								-	-
Thermal conductivity at mean temperature and installed density (kg/m ³)	T _m	50	100	200	300	400	500	600	650	°C	EN 12667
	λ@125 kg/m ³	0.044	0.051	0.068	0.091	0.120	0.156	0.199	0.223	W/mK	
	λ@175 kg/m ³	0.040	0.046	0.059	0.075	0.094	0.117	0.145	0.161	W/mK	

PREFERENCES

- Preservation at high temperatures
- High thermal insulation properties
- Material melting point above 1.000°C
- High material flow in dry process
- Packaging in bags or bales

Knauf Insulation, d.o.o.

**Trata 32, 4220 Škofja Loka
Slovenia**

Phone: +386 (0)4 5114 100

Fax: +386 (0)4 5114 179

E-mail: oem@knaufinsulation.com