

## REMGUARD MICRO 1250

**REMGUARD MICRO 1250** - unique elastic board with increased mechanical strength based on microporous material. The unique production technology allowed to obtain a material with a structure in which the pore size is smaller than the average free path length of the air molecule. As a result, it was created a material with a very low thermal conductivity coefficient. This material consists exclusively of inorganic oxide compounds. **REMGUARD MICRO 1250** can be stored without limitation of shelf life, the condition is to store in dry environment.

PARAMETERS	IU	REMGUARD MICRO 1250
Colour	-	grey / beige
Top layer	-	PE foil, aluminium foil
Classification temperature	°C	1250
Bulk density ( $\pm 10\%$ )	kg/m <sup>3</sup>	600
Compressive strength (DIN 53421)	MPa	20,2
Shrink after 24 h at a temperature of 1000°C	%	<1,3
Specific heat	kJ/(kgK)	1,06
Fire classification	-	A1
Coefficient of thermal conductivity $\lambda$ at 200°C 400°C 600°C 800°C	W/mK	0,031 0,040 0,051 0,062
Composition SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> SiC other	%	59-60 20-22 6 12-15
Standard thicknesses	mm	8; 10
Available formats	mm	500 x 1000 500 x 1200 600 x 1000*

\* other formats on request