

## REMGUARD MICRO FLEX 1100

**REMGUARD MICRO FLEX 1100** - is a flexible microporous panel specifically developed for use in the steel industry and other molten metal applications. By using a unique technology, a material with a structure in which the pore size is smaller than the average free path length of the air molecule was obtained, which allowed to obtain a very low thermal conductivity coefficient. This material consists exclusively of inorganic oxide compounds. **REMGUARD MICRO FLEX 1100** it can be stored without limitation of shelf life, the condition is to store in dry environment. Finishes: PE film (foil), on all sides.

PARAMETERS	IU	MICRO FLEX 1100
Colour	-	grey / beige
Type of finishes	-	PE foil
Classification temperature	°C	1100
Bulk density (+/- 10%)	kg/m <sup>3</sup>	350
Compressive strength @ 10% deformation	MPa	0,11
Shrinkage after 12 hours at temperature 1000 <sup>0</sup> C	%	0,5
Fire classification	-	A1
Coefficient of thermal conductivity $\lambda$ at 200 °C 400 °C 600 °C 800 °C	W/mK	0,022 0,023 0,027 0,032
Standard thicknesses	mm	3; 7; 10
Available formats	mm	300x500*
Lenght and Width tolerance	mm	+/- 3

\* other formats on request