

# CERPAK 1000

Ceramic free millboard based on mineral fibres

## Characteristics

Colour	:	beige	
Classification temperature	:	1000	°C
Density	:	1000	kg/m <sup>3</sup>
Thermal conductivity at 400°C	:	0,15	W/m.°K
Heat treatment loss at 800°C	:	12	%
Tensile strength			
Longitudinal fibres	:	40	kg/cm <sup>2</sup>
Transversal fibres	:	30	kg/cm <sup>2</sup>
Shrinkage at 1000°C (24 hours)	:	< 1	%
Compressibility according to ASTM F36 method K (70 kg/cm <sup>2</sup> )	:	10	%
Recovery	:	40	%
Standard size	:	1000 x 1000	mm
Standard thicknesses	:	2,3,4,5,6,8,10,12	mm (+/-10%)

## Chemical Analysis

SiO <sub>2</sub>	:	70,5	%
Al <sub>2</sub> O <sub>3</sub>	:	12,4	%
CaO	:	9,0	%
MgO	:	2,1	%
Fe <sub>2</sub> O <sub>3</sub>	:	3,8	%
Na <sub>2</sub> O	:	0,2	%
K <sub>2</sub> O	:	1.0	%
Other	:	1.0	%