GLUECON 1000

Gluecon 1000 glue consists of a mixture of various inorganic substances. The glue is incombustible and does not create smoke if the temperature exceeds the permitted maximum. In that case, it will melt. **Gluecon 1000** is very suitable for applying thermal insulation materials because the glue can withstand temperatures of about 1000°C.

The product adheres well to almost all foundations and can be used to glue insulation materials to steel and/or other foundations or to glue insulation materials together. The product has a high pH value so it does not damage steel. In damp conditions, aluminium may be slightly damaged.

Gluecon 1000 is imperishable, sterile, not subject to decay, odourless and is not damaged by vermin, mould or fungi.

Colour	:	Beige/grey (also available in darker shades)
Odour	:	Odourless
Consistency	:	Pasteus
Density	:	Ca. 1.5 kg/litre
Storage	:	Frost-free, at most 6 months
Maximum temp	:	1000°C
Drying time	:	Ca. 8 hours at 20°C
Viscosity	:	Brookfield RV spindle nr. 4
Speed	:	10 RPM 9385 centipoisen
	:	20 RPM 5060 centipoisen

* Average viscosity during lifetime

Chemical analysis

SiO_2	-	33 – 35 %
Na_2O	-	7 – 9 %
H_2O	-	47 – 49 %

Applications of Gluecon 1000

Glueing:
Pumicon plates, dishes and shapes
Other insulation sheets (e.g. silicate)
Fireproof stones
Packaging
Ceramic fibre blanket

Using Gluecon 1000

Gluecon 1000 is ready-to-use. If necessary, the product can be thickened by adding Vermiculite powder. However, it can also be diluted with water.

Test reports

Gluecon 1000 is incombustible according to the EN-ISO 1182:2002 method for Euro classification in accordance with EN13501-1:2002 and in accordance with IMO Res. A. 799 (19). Report numbers of Effectis 2006-CVB-R0524 and 2006-CVB-R0521 are available on request.

LEADER IN HIGH TEMPERATURE SOLUTIONS

TECHNICAL DATASHEET

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