

**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 <sub>2</sub>	-	33 – 35 %
Na <sub>2</sub> O	-	7 – 9 %
H <sub>2</sub> O	-	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.