

Cerafelt Adhesive OG 800

Technical Data

Classification temperature	1000°C
Colour	greyish - beige
Density before use	1470 kg/m <sup>3</sup>
Chemical composition [%]	
SiO <sub>2</sub>	34,55
Al <sub>2</sub> O <sub>3</sub>	8,41
Fe <sub>2</sub> O <sub>3</sub>	0,26
MgO	0,02
CaO	0,02
K <sub>2</sub> O	0,27
Na <sub>2</sub> O	6,65
H <sub>2</sub> O	49,82
Glue within	10 min.
Drying time	11 – 15 min.
Viscosity acc. to Brookfield R.V.	at 10 RpM: 9385 [cps]
Spindle no. 4	at 20 RpM: 5060 [cps]
Storage / Shelf life	1 year, sensitiv to frost
pH-value at 20°C	approx. 10

**Type:** Special high temperature adhesive for refractory materials

**Description**

Cerafelt adhesive OG 800 is made of pure refractory raw materials under continuous control of specialists and testing institutes. This adhesive is particularly suitable for the adherence of anorganic insulating boards with fiber materials and the gluing of Man-Made-Vitreous-Fibres (MMVF) each other and with Calcium-Silicate, Vermiculite, steel as well as many others.

**Benefits**

- Good binding strength – with that short installation
- Adhere to cleaned metallic surfaces
- Small packing drums for good handling at site
- Easy tool cleaning by water before setting of adhesive

**Instructions for use**

This special refractory glue is to apply at ambient temperature only. Before using, the adhesive has to be stirred thoroughly. Cerafelt-Adhesive OG 800 should be applied by means of a paint brush or a roller on either surface which must be dustfree. If it is intended to glue insulating boards with sheet metal, bricks or other hardfaced back-grounds, classification temperature will be lowered. In such cases please contact us. If metal surfaces are used, care has to be taken that these are free of rust, acid and grease sediments. No skin forming should show on the adhesive surface prior to combining the surfaces to be stuck.

The amount of Cerafelt Adhesive OG 800 to be applied can vary depending upon absorbency and kind of material to be used. If requested application time can be delayed by adding 5% of water. OG 800 is a filler glue, which makes no special pressure necessary when joining the parts. The glue hardens chemically within 6 to 8 h. The glued parts can then be treated further. Full hardening and thus water resistance is reached after 6 to 8 days. Tools can easily be cleaned with water before the adhesive has started to set.

After use, care has to be taken to close the packing drum airtightly. A shallow waterfilm on the glue surface is of advantage.

The values given herein are typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are applied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes. Check with your Thermal Ceramics office to obtain current information.

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