



CC-2 High-temperature cement glue



General information

High-temperature cement is a green color pastelike inorganic ceramic adhesive, having good adhesion and excellent endurance after polymerization. Green pigment has been added to the composition which allows visual determination of the optimum thickness of the cement layer.. Max. operating temperature of this adhesive is 900°C (short term – up to 950°C).

Main Application

For high temperature strain gages bonding.



Surface preparation requirements:

- To achieve superior bonding strength, a mechanical treatment of the installation is required. Sandblasting is the best way to prepare the surface, but sanding with sandpaper #80...120 grit also produces good results. Sanding may not be acceptable for turbine blades and other components working under high mechanical tension.
- Polished area must be cleaned out with acetone several times to guarantee that the surface is absolutely clean and greaseless. After this, it is prohibited to touch the treated surface.
- To improve cement adhesion, the surface should be treated with SC-3 Conditioner and NC-3 Neutralizer.

Storage conditions

At normal conditions in the original packing, shelf life of the cement glue is 6 months. After opening of the bottle, shelf life is 1 month.

Precautions and recommendations

- Please avoid direct contact of the cement glue with exposed skin, mucous membranes or respiratory system.
- After long-term storage of the cement glue, before usage and during usage it is needed to mix the bottle content thoroughly until the solution becomes homogenous.
- To prevent evaporation of the solvent, comprised in the cement glue, the bottle with the glue must be tightly closed during all time when it is not used.
- If the cement glue dried out during storage, it is possible to regulate its viscosity by adding deionized water. Please consider that doing so can influence the glue polymerization process.

Packing

1 bottle: 20g/bot.

Shelf life

6 months after production; 1 month after opening.