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Cera Glue - Sealcoat

Glue/Sealant for Ceramic Components

Cera Glue - Sealcoat is a water-based coating that can glue ceramic pieces as well as forming a vitreous impervious seal on most ceramics that withstands thermal cycling. This product requires a one-time bake-on at 800-850 C for ½ to 1 hour for use up to nearly 800 C (1472 F).

Key Attributes

- Bonds ceramics
- Vitreous layer of non-silica 'glaze'
- Applied like house paint
- Safe, water-based

Ideal Use

- Gluing ceramic pieces and boards
- Sealing ceramic surfaces from gaseous penetration/attack
- Preventing moisture pickup during downtime
- Sealing 'gaps' and fissures

Use Notes

1. DO NOT DILUTE.
2. Requires resuspension before use.
3. Apply one layer of coating.
4. Allow to thoroughly dry. An additional coat can be applied if desired, drying between coats and before use. If gluing, place the coated/dried parts together. Position to prevent movement of the pieces when heating in step 5.
5. Heat up to 800-850 C for ½ to 1 hour to seal the surface.
6. The sealed ceramic is now ready for regular use to nearly 800 C, and has a clear, glazed appearance.

Safety Information

- Consult SDS before use.
- Avoid breathing of spray/vapors.
- For Industrial Use only.



Specifications

Active Ingredients	Proprietary
Max Use Temperature with All Atmospheres	Nearly 800 C (1472 F)
Fired Composition	Proprietary
Liquid Carrier	Water
Binder Phase	Stable Refractory Mixture
Specific Gravity	1.8
Brookfield Viscosity (cps)	7000@4/60
Color	White
Shelf Life (months)	>12
Coverage (ft ² /gal)	50 to 200
Coating pH	2
H F R Ratings	1-0-0
Substrate Use	Ceramics

1. If highly porous, prewetting with water before coating is suggested.
2. After one-time bake-on, the sealed surface can be overcoated with any of our many specialty coatings of Boron Nitride etc., if so desired.

Sizes and colors

Cera Glue - Sealcoat is a white colored paint. Standard sizes: 8 oz. container, 1 quart, 1 gallon pail

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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