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CeraSeal A

Aluminum Oxide Coating for Sealing Ceramic Surfaces

CeraSeal A is a water-based, Aluminum Oxide coating that forms a protective sealant coating for ceramic materials. CeraSeal A yields a very tough, abrasion-resistant layer on dense or porous refractories for use to above 1000 C (1832 F).

Key Attributes

- Tough, abrasion-resistant
- Specifically designed for ceramics - dense or porous
- Usable to above 1000 C
- Silica-free
- Water-based, safe, and easy to use like housepaint

Ideal Use

- Sealing porous ceramics
- Improving erosion/corrosion resistance
- Reduces moisture pickup during downtime

Use Notes

1. Remove any surface oil, dust, grease, scale, or other coating.
2. Re-suspend (if needed) until uniform. Dilution of up to 10% water is OK.
3. Apply onto surface by brush or roller. Apply additional layers if desired, after drying prior layer.
5. Allow to thoroughly dry before use.

Other: If highly porous, prewetting with water before coating is suggested.

Safety Information

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



Specifications

Active Ingredient	Aluminum Oxide, Al ₂ O ₃
Max Use Temperature with All Atmospheres	>1000 C (>1832 F)
Fired Composition	Proprietary
Liquid Carrier	Water
Binder Phase	65% Al ₂ O ₃ + Stable Refractory
Specific Gravity	2.2
Brookfield Viscosity (cps)	3910@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

Sizes and colors

CeraSeal A is a white colored paint.

Standard size: 1 gallon pail
 1 quart container

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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