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CeraSeal BN

Boron Nitride Coating for Sealing Ceramic Surfaces

CeraSeal BN is a ready-to-use, water-based brushable Boron Nitride coating that forms a very tough refractory sealant coating for ceramic materials. CeraSeal BN is usable to 1000 C (1832 F).

Key Attributes

- Tough, abrasion-resistant
- Designed for ceramics
- Usable to 1000 C
- Water-based, safe, and easy to use like housepaint

Ideal Use

- Improving erosion/corrosion resistance
- Providing smooth/tough 'shell' refractory surface with over 50% BN content

Use Notes

1. Remove any surface oil, dust, grease, scale, or other coating.
2. Re-suspend (if needed) until uniform. Small amount of water dilution (<10%) can be used for diluting.
3. Apply by brush one or two coats, drying after each layer.

Safety Information

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



Specifications

Active Ingredient	Boron Nitride, BN
Max Use Temperature with All Atmospheres	1000 C (1832 F)
Fired Composition	>50% BN; remainder tough ceramic
Liquid Carrier	Water
Binder Phase	Proprietary Stable Refractory
Specific Gravity	2.37
Brookfield Viscosity (cps)	1700 @3/60
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*

*Note: Expected best with moderate thermal expansion ceramics

Sizes and colors

CeraSeal BN 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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