



## **GLAZECOAT 500** **Clear Surface Sealant**

**GLAZECOAT 500** is a water-based, single component, top acrylic technology designed as a clear sealer for field-applied top coating upon prepared masonry tile, metal roofs that have been painted with our **THERMO-SEAL<sup>®</sup> 1000** solar-reflective roof coating or with our **ECO-THERM<sup>®</sup> ELASTOMERIC**. In addition, **GLAZECOAT 500** provides an excellent glaze for vertical masonry applications such as brick and for restoration of clear skylight domes that have fogged and or crazed. Used as the final coat, **GLAZECOAT 500** provides extended life to underlying pigmented topcoats or as a finish with unsurpassed resistance to dirt and UV damage. It's high surface hardness means it may be utilized as a masonry surface finish sealer for prepared walls with no other finish coating upon them.

**GLAZECOAT 500** has exceptional resistance to whitening, even under extended periods of dampness. **GLAZECOAT 500** also contains the highest performance biocide package with resistance to algae, mildew and fungi, yet remains environmentally friendly with low VOC's, and no HAPs. Also available without biocide component.

Application: **GLAZECOAT 500** may be applied by airless sprayer, brush, or roller. All surfaces must be clean, dry and free of dirt, mold, mildew and other contaminants to insure proper adhesion. Application rate .5 gal per 100 sq ft. Temperature, surface porosity and wind will affect this.

### **GLAZECOAT 500 Properties: (at 75°F)**

Color: Clear

Finish: Semi-gloss

Solids by Volume: 30 ± 2%

Solids by Weight: 40 ± 2%

VOC's: <50 g/L

100% acrylic polymer, Water clean-up

Highly UV resistant

Coverage (per gallon): 200 sq. ft. approx. nominal.

Film Thickness: Millage: 3 mils DFT @ 200 sq ft per gallon. 8 wet mils applied.

Temperature Limits: -30 to +210 F. degrees.

Dry Time: Touch: 1.5 hr. Recoat: 2-3 hrs, window, dependent on environmental conditions.

Non-flammable

**The following Tests have been satisfactorily passed for this product:**

ASTM G21 - fungi resistance

Shore A - hardness

**LIMITATIONS AND PRECAUTIONS:**

Freshly applied topcoats must be fully cured before sealing with **GLAZECOAT 500**.

Do not apply when ambient temperature is below 50 degrees F. or above 90 degrees F. Cold temperature and/or high humidity will retard drying and may denature product or cause fogging. Do not apply when temperature can be expected to fall below 32 degrees F. before product has fully dried or when rain could fall before fully dried. Store in tightly closed container and protect from freezing.

Freezing of unopened product will cause denaturing.

Shelf life approximately 1 year stored in cool environment.

Not intended to provide waterproofing to entire roof system or walls.

Not intended as a vapor or fire barrier.

Read and understand MSDS before using this material.

**Disclaimer:** Liability is limited strictly to replacement of product. Our data is based on laboratory tests which are believed to be accurate. All recommendations made without warranty. No liability or responsibility for product relative to coverage, performance or injury is assumed.

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