

SHIELDCOAT TECHNICAL DATA SHEET

THERMOBOND CERAMIC HEAT MANAGEMENT COATING + INSULATION



DESCRIPTION

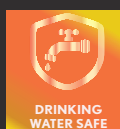
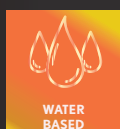
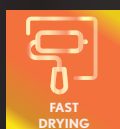
Thermobond Ceramic is a water-based acrylic coating made up of proprietary particulates that create a thermal insulation barrier, protect personnel, and prevent corrosion, all in a single application. This coating is specifically designed as a multifunctional solution, addressing both painting and insulation challenges. Thermobond Ceramic offers excellent thermal insulation at low thickness, provides anti-condensation protection, enables inspection without removal, has fast cure times, is a low VOC product, and can be easily applied to irregular surface.

Infrared Emittance 0.88 ASTM 1371, Solar Reflectivity 0.88 ASTM C 1549, SRI Value 110.6
Available in 15L pails

APPLICATION GUIDE

- Thermobond Ceramic is ready to use and does not require thinning.
- Clean surfaces thoroughly to remove dirt or any flaking material.
- **Ferrous Surfaces;** Should be primed prior to application of Thermobond Ceramic. As the coating is waterbased it's important to have a boundary layer of protection to prevent flash rusting. Rustshield W can be applied first.
- **Non-ferrous Surfaces;** No priming is required beforehand, however surface should be clean.
- Thermobond Ceramic can be airless sprayed using a 621 or similar spray tip but can also be brushed/rolled.
- Allow extra curing time in winter months and do not spray after 2pm where possible.

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COVERAGE: 5-6sqm/Lt
SOLIDS: 50% ave
WFT: 250um
DFT: 130um
TOUCH DRY: 1 Hour
RECOAT: 2 Hours
SHELF LIFE: 24 Months
CLEAN UP: Water

DISCLAIMER: Shieldcoat emphasizes that it is the responsibility of the applicator to assess and confirm the product's suitability for its intended use before application. The information and recommendations provided in this document were accurate and valid at the time of writing.



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