

CERAMAX[®] HB

“High Build Roof Coating”

**High Build – Fast Dry
Highly Reflective
Ultra Low Density
Heat Reduction Coating**

Space-Age ceramic heat reduction technology is now available in **CeramaX[™]** an easy to apply; waterproof ceramic filled protective roof coating that has incredibly high solids to create a **HIGH BUILD** coating that dries very quickly.

CeramaX[™] is effective due to the unique Sealed Ceramic Micro-Bubbles it contains that give it great heat reduction properties. These ceramic Micro-Bubbles act just like little thermos bottles to reduce heat transfer. There are over 150 BILLION of these “thermos bottles” in each gallon of **CeramaX[™]**. Because of these hollow Micro-Bubbles, **CeramaX[™]** is a very low density, but **HIGH BUILD** coating. Low Density means less heat transfer, AND the bright white color gives great heat reflectivity.

CeramaX[™] is intended for use where heat reflection and refraction is needed in a coating to withstand wind, rain, and sun.

CeramaX[™] does not trap moisture in the substrate and it contains a blend of unique biocides to fight against the growth of mold, mildew, fungus, and algae even in Sub Tropical locations.

CeramaX[™] contains proprietary solar-reflective ceramic compounds suspended in a unique hybrid Acrylic Terpolymer emulsion with special modifiers. You get excellent adhesion, high weather resistance, UV stability, elasticity, toughness, and exceptionally long life with minimal maintenance. And, you get **HIGH BUILD** with a minimum of gallons per square foot.

CeramaX[™] is a **HIGH BUILD** coating made from highly water-resistant polymers that give great flexibility, stretch and elongation and is ideal for aluminum trailer roofs, storage containers, flat roofs, metal roofs or walls and other surfaces for the ultimate in heat reduction and watertight integrity in a fast-dry formulation.

(Other specially formulated products are available through Acry-Tech with this ceramic technology. Call for more information.)

OTHER TECHNICAL INFORMATION:

Lead and chromate free: Yes

Cures by: Evaporation & Self Crosslinking

Qualifies for Class A fire rating.

Hiding: Excellent at 10 dry mils

VOC Emissions: 16 grams/liter (0.14#/gal) = ZERO

Fungus / Mildew Resistance: Very High

Dry Time: To Touch – 30 minutes @ 70% R.H.

Clean up: Soap and Water on wet material.

Wt per gallon: 8.8# per gallon

Heat Reduction Potential: Up to 60 degree summertime heat reduction depending on roof surface composition and sunlight intensity on the surface.

Apply by Brush or Roller: Apply at 100 square feet per gal in a ONE COAT application for great protection and durability on roofs or walls. A two coat application will provide increased durability and protection and double the thickness of the dried film.

Resin: Proprietary Acrylic TerPolymer

Color: White and tintable to light pastel colors on request. (White provides highest reflectivity)

Solar Reflectance: 0.86 approx.

IR Emittance: 0.91 approx.

Gloss: Low-sheen, velvet finish

UV Resistance: Excellent

Film Yield: 100 sf per gal = 16 wet mils = **11.5 dry mils**

To Recoat – 1 hours depending on humidity levels. To Full Cure – 4 days

Thinning/Cleanup: Thin with a small amount of water only if needed. Clean up with water.

Solids Percent: **72% Volume** 74% Weight Shelf Life: 1 year

Testing results shown above have been performed in our laboratory and in independent labs either directly or indirectly and are believed to be accurate.

Surface Preparation: Pressure Wash to remove **ALL** foreign matter, biological growth, loose or flaking paint and coating, or chalking paint or other contaminants. Remove all loose or scaling rust, and then prime steel with suitable metal primer. When roof is dry, seal all gaps, seams, fastener heads or other openings, flashings or cracks with **Therm-X Basecoat Sealant**. Apply by brush to achieve at least 25 dry mils on all areas requiring sealing prior to the application of **CeramaX HB**. For areas of extreme movement or wide gaps in seams or over large cracks, embed a layer of PolyMat Reinforcing Fabric into wet coats of **Therm-X Basecoat Sealant** to create a tough, waterproof and flexible membrane.

CeramaX HB Application: Apply with typical 1” to 1 1/4” roller nap or by airless sprayer to the entire surface. Apply 1 coat at the rate of 100 square feet per gallon. Each coat will result in 11.5 dry mils. Apply a second coat at the same rate for extreme environments or for greater heat transfer resistance. For sloped roofs with positive drainage, 2 coats will yield 23 dry mils of coating. For roofs with minimal drainage, 3 coats are required at 34.5 dry mils minimum. *(Call for manufacturer recommendations on your specific roof.)*

Proudly Designed and Manufactured in the U.S.A. by

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