

# CERAMAX<sup>®</sup> HB

## “High Build”

**High Build – Fast Dry  
Highly Reflective  
Heat Reduction Coating  
For Trailer Roofs.**

Space-Age ceramic heat reduction technology is now available in **CeramaX HB™** an easy to apply; waterproof ceramic filled protective coating that has incredibly high solids to create a **HIGH BUILD** coating that dries very quickly AND requires fewer coats and less labor to create a thick, heat resistant and weatherproof protective film

**CeramaX HB™** 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 HB™**. Because of these hollow Micro-Bubbles, **CeramaX HB™** 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 HB™** is intended for use where heat reflection and refraction is needed in a coating to withstand wind, rain, and sun. **CeramaX HB™** 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 HB™** 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 HB™** 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 for the ultimate in heat reduction and watertight integrity in a fast-dry formulation.

### OTHER TECHNICAL INFORMATION:

Lead and chromate free: Yes

Cures by: Evaporation

Hiding: Excellent at 12 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: 8.86# per gallon

Solar Reflectance: 0.86 approx.

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 80 square feet per gal in a ONE COAT application for great protection and durability on trailer roofs. A two coat application will provide increased durability and protection and double the dry film thickness.

Resin: Proprietary Acrylic TerPolymer

Color: White and tintable to light pastel colors on request.

Gloss: Low-sheen, velvet finish

UV Resistance: Excellent

Film Yield: 80 sf per gal = 20 wet mils = **12 to 15 dry mils**

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

Thinning/Cleanup: Thin only with clean water if absolutely necessary. Clean up with water.

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

IR Emittance: 0.91 approx.

**Aluminum Trailer Surface Preparation:** Clean with degreaser, solvent or other suitable material to remove **ALL** latent oils or contaminants on bare aluminum. Wipe with clean dry cloth or pressure wash after cleaning. **Be sure all surfaces are clean and dry with NO residue** of dirt, oils, silicone, cleaner or degreaser.

**Aluminum Trailer Application:** Apply with typical 3/8” to 1/2” roller nap by pouring the product onto the trailer roof and positioning it evenly to the roof surface. Apply 1 coat at the rate of 80 square feet per gallon. A typical 28’ X 8.5’ trailer will have a surface area of 238 square feet. One coat will require 3 gallons of **CeramaX HB**. This application will result in 12 to 15 dry mils for the completed job. For a 53’ Trailer, the required coating will be 5.6 gallons. If masking tape is used to prevent spills, remove tape while coating is still wet to prevent tearing the coating film. Heated forced air drying will speed the dry time during higher humidity conditions.

**NOTE:** *Optimum heat reduction will be achieved if the surface is cleaned regularly with a suitable detergent or cleaning compound such as “Simple Green”, or Citrus Cleaner to remove road grime, diesel exhaust stains and other dirt accumulations. Dirt on the surface of the coating will increase the heat gain due to darkening of the surface with this type of product. Routine cleaning will provide the best, long-term heat reduction results.*

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

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