



"A NASA Technology Spinoff Company"

RC#233 Insulating, Thermal Coating



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Description:

RC #233 is a bright white (tintable), 100% acrylic elastomeric coating blended with quality low thermal conducting pigments and resins and reinforced with Hy-Tech's **THERMAcels™**. A waterborne, high-build formula that applies 5 times thicker than regular coatings, **RC#233** is designed to insulate the coated surface.

RC #233 expands and contracts with varying hot and cold temperatures, resists thermal shock, offers superior mildew resistance, ceramic insulation and soundproofing combined with excellent adhesion.

RC#233 was specifically designed as an insulating thermal coating, to enable temperature reduction on the coated surface (20-40% depending on number of coats applied).

RC #233 is recommended for any surface where temperature reduction is required.

RC #233 covers approximately 75-100 square feet per gallon.

Benefits:

- Excellent hiding-will help to bridge hairline cracks of the surface
- Exceptional durability and resistance to heat transfer
- Helps to waterproof the surface
- High Concentration of Hy-Tech **THERMAcels™**
- Chemically Resistant
- Non-Toxic and Environmentally friendly
- Resists sagging
- Fade & mildew resistant
- Easily cleaned with soap and water
- Temperature range -40°F-400°F

Surface Preparation:

Prepare surface by thoroughly cleaning to remove dirt, grease, loose and peeling paint, and other foreign materials, especially mold, mildew and algae. **RC #233** is fortified with mildewcides and will resist mildew growth but will not kill existing mildew already on the surface. Apply only to a sound, well-prepared and primed surface.

KEEP FROM FREEZING
Do not apply when temperatures are below 50°F.
Coatings should only be applied when ventilation is adequate.

Primer:

Rusted areas should be treated with a rust converter then primed with **Aqua Prime #15**.

Bare metal will also need to be primed with **Aqua Prime #15**.

Application: Stir **RC #233** well before using. Do not thin! It is essential that the surface is clean and dry and free of all moisture. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approximately 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or sprayer. Spread uniformly at a Wet Film Thickness of a minimum of 20-25 mils. Wait at least 24 hours before applying a second coat.

Spray Application: Remove all filters and use an airless sprayer with a minimum tip size of .030.

Clean up immediately after use, while still wet, with warm soapy water

CAUTION! KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER EACH USE.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Hy-Tech Thermal Solutions, LLC nor our agents shall be responsible for the use or results of use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of the product for each specific project and for the health and safety of personnel working in the area. For information on safety hazards associated with this product please refer to MSDS sheets.