

DURACOOl HS RUST INHIBITOR

DESCRIPTION

Duracool HS Rust Inhibitor is an emulsion of high grade acrylics and resins in water. It contains no co-solvents and will dry by evaporation to yield a tough, water repellent surface with exceptional abrasion resistance and ultra-violet light stability. Duracool HS Rust Inhibitor incorporates state-of-the-art chemistry to prime metal surfaces, stopping rust dead in its tracks. The combination of ingredients in Duracool HS Rust Inhibitor employ three mechanisms to neutralize rust and prevent its recurrence. First, Duracool HS Rust Inhibitor interrupts the electrochemical oxidation process at the positive pole or anode, preventing oxidation. Second, Duracool HS Rust Inhibitor acts as an alkaline buffer, counteracting certain acids which can accelerate formation of rust. Third, as an elastomer, Duracool HS Rust Inhibitor forms a tough, elastic barrier between the metal and the atmosphere, isolating the surface from the oxygen required to create rust.

APPLICATION

Surface should be clean, dry and sound. Existing surface dirt, oil, tar, grease and film should be removed from surface by approved methods prior to application of Duracool HS Rust Inhibitor (see specification for Metal roofing). Duracool HS Rust Inhibitor can be applied by brush, roller or airless spray equipment. It should be applied evenly without buildup. Multiple coats are recommended.

BENEFITS

- No organic cosolvents
- Abrasion resistant
- Launderable
- Non-Toxic
- Labor, time, and cost saving
- Easy clean up with soap and water
- Flexible

TECHNICAL DATA

FLEXIBILITY: Passed 180o Mandrel Bend ASTM D-3111 Test with no cracking at -20oF

FUNGAL GROWTH: No fungal growth on sample. Tropical Chamber ASTM D-3273-73T

SALT SPRAY: 500 hours with no reoccurrence of rust on surface. Rated 10 - excellent for not blistering and 10 - excellent for not rusting. ASTM B-117 Salt Fog Chamber

COVERAGE: 100 - 300 sq. ft. per gallon depending upon conditions

CAUTION: High humidity requires a longer time for water-based coatings to form a film that is rain resistant.

Avoid breathing fumes and prolonged contact with skin. Do not ingest. Keep containers covered when not in use. When using, provide proper ventilation. Dispose of product and container in accordance with local disposal codes.

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