

100% Acrylic Water Base
D.T.M. (Direct to Metal)

Metal-Koat 102

Technical Data Sheet

Primer • Sealer • Finish
Rust Inhibitive Roof Coating & Sealant

Product Data:

Vehicle: 100% Acrylic Resin

Solvent: Water

Flash Point: None

Drying Time: 4 hour to touch
(77°F & 50% relative humidity)
12–24 hours to re-coat

Weight by Gallon: 11.73 lbs

Solids - Weight: 55%

Solids - Volume: 37%

Colors: Standard White and
Custom Colors

V.O.C.: 0.42 lbs/gal

Environmentally Friendly

Keep Out of Reach of Children

Product will freeze below 32°F (0°C)



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Product Description: *Metal-Koat 102 Rust Inhibitive* is a water-based, high quality, 100% acrylic resin, liquid applied rust and corrosion resistant coating that provides both a protective *Prime* and *Finish* coat in the one application. This Direct to Metal coating provides ample protection against rusty metal surfaces, including vertical and horizontal substrates. Additional chemical agents are also incorporated to resist the effects of ultraviolet sunlight exposure, as well as, mold and fungus growth. *Thermo beads can also be added for additional thermal barrier and protection.*

Typical Uses: *Metal-Koat 102 Rust Inhibitive* is designed and engineered to perform well on all rusty metal roof and building surfaces under severe commercial, residential, industrial, agricultural and institutional applications. This product can be used also on water tanks, storage bins, Silos and animal housing (poultry, egg, hog, and turkey). ***Metal-Koat 102 Rust Inhibitive is not required on new metal — see Thermo-Flex 103 for new metal roofs.***

Surface Preparation: Surface must be clean, dry, and free of dirt, grease, and mildew. Remove any trace of mildew by washing with a solution that kills mildew spores. Old coating or residue that is loose or peeling must be removed by scraping, sanding, wire brushing, or pressure washing. Avoid using cleaners with built-in wax or silicone additives since this may affect coating bond. Make any necessary repairs or replacements to damaged or leaking roof material. Rusty metal surfaces should be primed with the proper material, see *Metal-Koat 102, Rust Inhibitive*. **If repairs are needed, please refer to “Go Green Roof Repair”.**

IMPORTANT: Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up prior to coating the roof.

Application: Maximum adhesion and durability is achieved only when the surface is clean, dry, and properly prepared. Slope for positive drainage is recommended for any roofing application. Apply 1 gallon per 100-150 square feet with 2 coats minimum required. Highly weathered surfaces may require additional coverage. Apply with a brush, roller (1¼” Nap), or spray equipment (Airless Sprayer – flow output 1 gpm, minimum pressure 3000 psi, tip size 0.0623 (minimum)). Drying time is retarded by very high humidity. Do not apply at temperatures below 50°F. Coating should have ample time to surface dry before evening dew sets or it is rained upon.

Equipment Clean Up: Clean brushes, rollers, spray and other equipment immediately after use with hot soapy water.