

ROOFING

404 Corrosion Proof (Base Coat)



Read Safety Data Sheet before using this product.

DESCRIPTION: 404 Corrosion Proof base coat is a self-priming, modified acrylic, coating that can encapsulate existing rust on properly prepared metal and inhibits the development of new rust on metal surfaces.

USES: 404 Corrosion Proof is recommended for use as an elastomeric coating applied to both clean and properly prepared but marginally rusty steel, and imparts excellent corrosion resistance, adhesion, and low temperature flexibility. The coating is intended for use as a base coat on new metal and lightly rusted metal roof surfaces prior to the application of 505HS Mohave Coat, 501 Elasto-Brite, or 529 Renu-White topcoats. New metal surfaces must be allowed to age 30 days before coating. Meets ASTM D 6083 Type I (For use as a base coat only).

SURFACE PREPARATIONS: Surfaces to be coated should be dry, clean, and free of dirt, dust, grease, oil and loose rust or coating. Recommended application temperature is 40°F to 120°F. Power wash surfaces with 799 Wash-N-Prep Roof Cleaner and water. Wash roof surfaces with a minimum of 2000 psi. taking all necessary precautions to avoid damage to the roof system. Seal fasteners, seams and flashings with 550 Patch-N-Go Fleece self-sealing tape or 5540 Resat-Mat and 505MS Karna-Flex WB or appropriate sealants or caulking material

APPLICATION: Mix lightly prior to application of the coating. 404 Corrosion Proof may be applied by brush, spray equipment or roller. For applications in higher temperatures (above 90 °F) KARNAK recommends application in multiple thin coats to prevent trapped moisture problems. Commencement of work by the contractor implies his approval of the deck surface.

ROLLER / BRUSH APPLICATION: Apply with a 3/4" – 1-1/4" nap roller or soft roof brush.

SPRAY APPLICATION: Utilize a standard paint spray pump or airless spray pump. Equipment manufacturer should be consulted for more complete information. Spray application should be done with a 50% over-spray pattern.

COVERAGE RATE: Apply 404 Corrosion Proof over the surface at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils). Allow to dry 12 hours then apply the selected finish coating. The total dry mil thickness of 404 Corrosion Proof and finish coating should be 20 to 24 mils. Coverage will vary depending on the surface to be coated.

CAUTION: Do not apply when rain is imminent. Protect from freezing. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Keep out of reach of children. Avoid prolonged contact with skin. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying. For exterior use only.

Cold-process systems and coatings, either emulsion or solvent-based, should only be installed on decks with positive drainage. Per NRCA (National Roofing Contractors Association), "The criteria for judging proper slope for drainage is that there be no evidence of standing water on a deck 48 hours after it stops raining."

PACKAGING: Available in 5-gallon pails, 55-gallon drums, and 275-gallon totes.

If further information is needed, contact KARNAK Technical services at 800-526-4236.

PHYSICAL PROPERTIES & SPECIFICATIONS

Weight per Gallon: 11.0 lbs.

Viscosity: 34,000 cps
ASTM D2196 Method A

Solids by Weight: 65%, Nominal

Solids by Volume: 53%, Nominal

Color: Light Gray

Hardness, Shore A: 70

Elongation: 270%, Nominal
ASTM D 2370

Tensile Strength: 240 PSI, Nominal
ASTM D2370

Tear Resistance: 75 lbs. force/in.
ASTM D 624

Cure Time: 24 to 48 hours @ 77°F
and 50% Relative Humidity

Application Temp.: 40°F to 120°F.

Service Temp
(Cured Film): -15°F to 180°F

VOC Content: 22 g/L MAX