



PRODUCT DATA

8000

RUST-BIND 100% SOLIDS EPOXY

Description: 8000 RUST-BIND is a rust penetrating sealer designed to wet-out, strengthen, and seal porous rust. RUST-BIND is a 100% volume solids, chemically cured material that is almost water thin.

Typical Uses: For industrial use as a sealer to penetrate and reinforce rusty steel surfaces, recommended in areas, where due to restrictions or economics, abrasive cleaning is not feasible. Very effective as a sealer and/or reinforcement for masonry surfaces. Excellent sealer for encapsulation of existing coatings, where removal is not feasible, or as a sealer for aged, oxidized zinc coated surfaces.

Surface Cleanliness: 8000 RUST-BIND is designed to go over rusty surfaces. The performance life of the system will in part depend on the degree of loose rust, loose rust scale, and loose old paint. All oil, grease, or other chemical contamination must be removed by SSPC-SP 1 Solvent Cleaning. A pressure water wash is then used to remove the contamination as well as dislodge any loose rust, loose paint, and other loose contaminants. After surface has thoroughly dried then Rust-Bind may be applied.

Application Equipment: Apply by conventional spray equipment, brush, or roller. Airless spray is not recommended. To minimize overspray, use low air pressure at 5 to 10 psi and low pot pressure at 5 to 10 psi. Pre-Prep should be applied at 1.5 wet mils to completely cover and penetrate surface. Additional coat of Pre-Prep may be required for very porous surface. Do not apply heavy coats.

Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 50 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 90%
- Material temperature between 70 and 90 deg.F

Primer: none required

Thinner: do not thin

Clean Up Solvent: MEK ,T-40

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: High Gloss

Color: Clear

Volume Solids: 100 +/- 2%, (mixed)

VOC: 0.0 lbs./gal. (0 g/l), (mixed)

Flash Point: >200 deg.F

Mixing Ratio: 2:1 by volume

Viscosity: water thin

Dry Film Thickness: 1.5 mils

Wet Film Thickness: 1.5 mils

Theoretical Coverage: 1604 sq.ft./
gal.@ 1 mil

Induction Time: none required

Pot Life Time: 3 hours @ 77 deg.F

Shelf Life Time: 12+ months

Dry Time: @ 77 deg.F (25 deg.C)
Dry to Recoat overnight

Limitations: Topcoat must be applied
within 24 hours

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