

QUIK-SHIELD 1030

Rust Inhibiting Primer

QUIK-SHIELD® 1030 is a water-based, rust-inhibiting, low-VOC primer developed to be used to protect metal substrates. Quik-Shield 1030 has unique self-cross-linking technology that provides low VOC levels along with greater corrosion resistance and adhesion properties. This primer dries quickly, reducing the time needed to cure before applying a coating. Quik-Shield 1030 may be used as a primer coat over primarily metal surfaces, but it can also be applied to a wide range of substrates, including: wood, metal, concrete, masonry, various single-ply membranes, spray polyurethane foam, and most commonly used roof coatings.

PACKAGING:

5 Gallon Pail
55 Gallon Drum

COLOR:

Dark Red

TYPICAL PHYSICAL PROPERTIES:

	VALUES
Weight/gallon (lbs.)	10 ±0.2
Total Solids (%)	41 ±3
Viscosity (cP)	800 ±200
V.O.C. (g/L)	65

STORAGE AND SHELF LIFE

Quik-Shield 1030 is a water-based primer and must be kept from freezing. Quik-Shield 1030 should be stored between 40°F and 90°F. Shelf life in unopened containers is one year from the manufacture date.



SWD Urethane

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LIMITATIONS AND PRECAUTIONS

Do not allow Quik-Shield 1030 to freeze. It is water-based and will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50° F. Do not apply Quik-Shield 1030 when ambient air and substrate temperatures fall below 50° F, or when inclement weather is forecast. Apply the next coating as soon as possible after primer cures. Do not leave Quik-Shield 1030 exposed to elements beyond 48 hours, as weathering and dirt pick-up could compromise the adhesive performance properties.

APPLICATION

Apply Quik-Shield 1030 only to clean, dry surfaces free of loose particles or other foreign matter. Pressure washing is required on metal surfaces showing signs of oxidation. Medium nap rollers or conventional airless spray equipment may be used to apply Quik-Shield 1030. Apply at the rate of 1 gallon per 200 sq. ft., according to substrate and condition. Normal drying time is 2-3 hours, with 24 hours for a full cure.

EQUIPMENT

Minimum requirements:

Roller

- 1¼" nap roller

Spray

- 30:1 fluid to air ratio capable pump
- 2 1/2 gallons or more per minute (continuous)
- Filter screen 30 mesh or larger
- Hose rated to 2x maximum pump pressure
- Hose lining should be compatible with coating and required cleanout materials
- Hose lengths: (Largest diameter at pump)
 - 3/8 minimum 6 ft whip
 - 3/8 minimum I.D. up to 75 feet
 - 1/2 minimum I.D. up to 200 feet
 - 3/4 minimum I.D. over 200 feet
- Spray gun: Graco Hydra Mastic or equivalent
- Spray Tip:
 - Reversible self-cleaning type
 - Orifice size of .027 to .039
 - Fan angle of 40° to 50°

Always use components rated for pump pressures.

CLEAN-UP

Clean tools with soap and water.

The information herein is believed to be reliable; however, unknown risks may be present. SWD Urethane makes no warranty, expressed or implied, concerning this product's merchantability or fitness for any particular use. The product will meet the written liquid component specifications as indicated on the technical data sheet published at the time of the purchase. The entirety of SWD Urethane's responsibility is limited only to the cost of the SWD material. The foregoing constitutes SWD Urethane's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product.

Safety is the responsibility of the owner, the owner's appointed representative, the contractor, and/or inspector. Become familiar with local, state, and federal regulations regarding chemical health, safety, and handling. For more information consult the product SDS, contact the SPFA (www.sprayfoam.org) or the ACC (www.spraypolyurethane.org).



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