

Specialized Industrial Materials, LLC

Steel Primer

Fast Cure Polyurethane Primer for Steel

Features

Excellent Adhesion

Steel Primer is formulated to give excellent adhesion to blasted and unblasted steel substrates

Corrosion Resistant

Steel Primer is formulated with a high loading of corrosion resistant additives making it suitable for use in chemically aggressive environments.

Cures Fast even in Cold

Steel Primer has an excellent cure profile – even in cold weather conditions.

VOC Compliant

Steel Primer is VOC Compliant for most applications.

Packaging, Storage, & Shelf Life

Steel Primer is available in 1 gallon cans or 5 gallon pails. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 6 months under normal conditions.

Description

Steel Primer is a VOC Compliant, fast cure, high performance polyurethane primer. It performs well even on marginally prepare steel substrates. Steel Primer provides excellent barrier protection against corrosion. It can be recoated quickly and gives very high bond strength.

Steel Primer is typically used to prime steel substrates which will be post-finished with a polyurethane or polyurea elastomer.

Technical Data

Property	Value
Mix Ratio by volume, A to B	1:2
Solids, percent by volume	25
Solids, percent by weight	48
VOCs, lbs per mixed gallon	2.8
Recommended Thickness, mils dft	0.5-1.5
Pot Life, min @ 77°F	2 hrs
Cure to Touch, min @ 77°F	5 minutes
Recoat Window, 77°F	After 5 min and within 2 hrs
Salt Fog Spray, hrs	>1000hrs

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to using Steel Primer.

Application

Steel Primer is mixed 1 part A to 2 parts B and does not require thinners. It can be brush, roller or spray applied to the substrate at a 0.5-1.5 mil dry film thickness

Be sure to consult with a Specialized Industrial Materials, LLC representative for equipment and application training.

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