

Durex® Acrotel Anti-Corrosion Metal Primer

Solvent-Based Anti-Corrosion Metal Primer for Galvanized Steel and Aluminum

Description	Durex® Acrotel Anti-Corrosion Metal Primer is a versatile single-component, high-performance solvent-borne acrylic primer. It is specially formulated as a long-term corrosion-resistant primer for galvanized steel, reinforcing steel and aluminum.
Uses	Durex® Acrotel Anti-Corrosion Metal Primer is used for coating different structural metal surfaces such as steel rebar and beams, industrial steel components, and a variety of surfaces requiring a high-performance protective primer.
Ideal For	<ul style="list-style-type: none">• Steel rebar and beams
Advantages	<ul style="list-style-type: none">• Outstanding adhesion to galvanized steel, metals, alloys and aluminum• UV resistant• Anti-corrosive• Very good chemical resistance• High solid and excellent corrosion-resistance properties• Fast drying• Versatile application range; can be applied in cold weather conditions down to -10°C

TECHNICAL DATA

PHYSICAL PROPERTIES

Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.
Resin Type	Acrylic copolymer
Coverage	8.5 m ² /L (350 ft ² /gal) @ 2 mils
Cure Time @ 23°C (75°F), 55% RH	To touch/recoat: 1 hour Fully cured: 2 hours
Reducer/Clean-up	Mineral spirit

PERFORMANCE PROPERTIES

TEST METHOD

RESULTS

Percent Solids	ASTM D7232-06	55% (vol.)
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	2,000-3,000 cps
V.O.C.	ASTM D3960	< 350 g/L
Specific Gravity	ASTM D333	1.15 ± 0.1 g/L 9.70 ± 0.8 lb/gal
Sheen (60°)	ASTM D3679	< 2%
Cross Hatch Adhesion	ASTM D3359	5 on galvanized steel
Flexibility (Conical Mandrel), 4 in.	ASTM D522	Pass
Corrosion Resistance, Salt Spray, 200 Hr	ASTM B117	D#8, #6 at scribe, M#6, #4 on face, 5 mm undercut, < 10% rust

Packaging	Durex® Acrotel Anti-Corrosion Metal Primer is packaged in 18.9 L (5 gal) and 3.78 L (1 gal) pails. This product is available in multiple standard colours. Custom colour matching can also be attained at an additional cost. Please refer to the <i>Durex® Colour Selection Guide</i> for all available colour options.
Storage Conditions	Store Durex® Acrotel Anti-Corrosion Metal Primer in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions.
Surface Preparation	All surfaces to be coated must be free of dirt, oils or any other contaminants that may prevent proper adhesion of Durex® Acrotel Anti-Corrosion Metal Primer. Mechanically abrade and solvent-wipe all surfaces to be coated. Inspect the surface for any contamination. Grease or oil should be removed by solvent in accordance with SSPC-SP1 or ASTM D 609 for steel surface and ASTM D 1730 for aluminum and alloy. Blast-cleaning is recommended for entire surface and weld seams SSPC-SP 6 or NACE 3.
Application	<p>Use a good-quality synthetic brush, roller or airless spray to apply an even coat of Durex® Acrotel Anti-Corrosion Metal Primer. This product is designed as a one-coat system; however, additional coats can be applied if desired.</p> <p>Note: Film Formation of Durex® Acrotel Anti-Corrosion Metal Primer is independent of temperature and humidity. Application temperature covers a range from -10 degrees C to 40 degrees C (14 degrees F to 104 degrees F).</p>
Clean-Up	Wash tools and equipment immediately after use with mineral spirits.
Health and Safety	Take suitable fire precautions. Use under well-ventilated conditions with appropriate respirator approved for organic vapours and rubber gloves when handling the product. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water and seek medical attention if irritation occurs. Harmful if swallowed. Do not induce vomiting. Drink 1-2 glasses of water or milk. Keep product out of reach of children. Read published Material Safety Data Sheet for additional information.
Warranty	Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.
Technical Services	Technical support is available upon request at info@durabond.com . For the latest version of this data sheet, please visit our website at www.durabond.com , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.



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