

# Durex® Acrotel SB Metal Primer

## Solvent-Based Metal Primer

<b>Description</b>	Durex® Acrotel SB Metal Primer is a single-component, solvent-based, high-performance acrylic polymer metal primer.
<b>Uses</b>	Durex® Acrotel SB Metal Primer is specially formulated to be used as an easy-to-use primer for metal surfaces.
<b>Ideal For</b>	<ul style="list-style-type: none"><li>• Steel rebar and beams</li><li>• Industrial steel parts which require fast drying and excellent adhesion</li></ul>
<b>Features</b>	<ul style="list-style-type: none"><li>• Simple, easy to use, versatile coating</li><li>• Low odour and VOCs</li><li>• Water and alkaline resistant</li><li>• Excellent resistance to saponification, caused by alkaline substrates</li><li>• Fast drying and early water resistance</li><li>• Leveling, flow and microform-free properties</li><li>• Adheres to a variety of metal substrates</li><li>• Outstanding exterior performance properties</li></ul>

### TECHNICAL DATA

PHYSICAL PROPERTIES		
<b>Colour</b>	Please see <i>Durex® Colour Selection Guide</i> for available colour options.	
<b>Resin Type</b>	Acrylic copolymer	
<b>Coverage</b>	5 m <sup>2</sup> /L (300 ft <sup>2</sup> /gal) @ 3 mils WFT	
<b>Cure Time @ 23°C (75°F), 55% RH</b>	To touch/recoat: 1 hour Fully cured: 2 hours	
<b>Sheen</b>	Flat, <2% @ 85°	
<b>pH Level</b>	8.0-9.0	
<b>Reducer/Clean-up</b>	Water	
PERFORMANCE PROPERTIES		
PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
<b>Percent Solids</b>	ASTM D7232-06	40 ± 2% (vol.)
<b>Viscosity (Brookfield) 23°C (75°F)</b>	ASTM D2196	70-80 KU
<b>V.O.C.</b>	ASTM D3960-05	160 g/L
<b>Specific Gravity</b>	ASTM D333	1.15 ± 0.05 g/L 9.60 ± 0.1 lb/gal

<b>Packaging</b>	Durex® Acrotel SB 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.
<b>Storage Conditions</b>	Store Durex® Acrotel SB Metal Primer in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials in ambient temperatures above 5 degrees C and below 35 degrees C. <b>KEEP FROM FREEZING.</b>
<b>Surface Preparation</b>	All surfaces to be coated must be free of dirt, oils or any other contaminants that may prevent proper adhesion of Durex® Acrotel SB Metal Primer. Mechanically abrade all metal surfaces and clean with solvent wipe. Inspect the surface for any contamination. Grease or oil should be removed by solvent in accordance with SSPC-SP1 or ASTM D609 for steel surface and ASTM D1730 for aluminum and alloy. Blast cleaning is recommended for entire surface and weld seams SSPC-SP 6 or NACE 3. The surface must be completely cleaned, rinsed and dried; otherwise the paint may not bond properly to the surface.
<b>Application</b>	Use a good-quality synthetic brush, roller or airless spray to apply an even coat of Durex® Acrotel SB Metal Primer. Maintain a wet edge to prevent overlap marks and gloss differences. Durex® Acrotel SB Metal Primer is designed as a one-coat system; therefore, a single coat is sufficient to cover the entire surface.  <b>Note:</b> Film formation of Durex® Acrotel SB Metal Primer depends on temperature and humidity. Minimum film formation temperature is 10 degrees C and maximum relative humidity is 60%. As a rule, lower temperature and higher humidity will result in longer curing time.
<b>Clean-Up</b>	Wash tools and equipment immediately after use with warm water and mild detergent.
<b>Health and Safety</b>	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.
<b>Warranty</b>	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.
<b>Technical Services</b>	Technical support is available upon request at <a href="mailto:info@durabond.com">info@durabond.com</a> . For the latest version of this data sheet, please visit our website at <a href="http://www.durabond.com">www.durabond.com</a> , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Technical Coatings Ltd sales representative.

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