

Durex® Acrotel SB Plastic Primer

Plastic & Polyethylene Adhesion Promoter

Description	Durex® Acrotel SB Plastic Primer is a single-component, solvent-based adhesion promoter for plastics such as polyethylene, polypropylene or other problematic non-porous surfaces.
Uses	Durex® Acrotel SB Plastic Primer is highly recommended for polypropylene and polyethylene surfaces such as decorative columns, baseboards, plastic furniture, plastic window frames, and on-woven composites and pillars.
Ideal For	<ul style="list-style-type: none"> • Polypropylene and polyethylene surfaces such as decorative columns, baseboards, plastic furniture, plastic window frames, and on-woven composites and pillars
Advantages	<ul style="list-style-type: none"> • Fast drying and early water resistance • Hydrophobic and chemical resistant • Excellent adhesion to plastic surfaces such as polypropylene and polyethylene, and to metals • Mildew-resistant properties • Outstanding exterior weathering and UV resistance

TECHNICAL DATA

PHYSICAL PROPERTIES		
Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.	
Resin Type	Acrylic	
Coverage	11-12 m ² /L (300-500 ft ² /gal) @ 2 mils DFT	
Cure Time @ 23°C (75°F), 55% RH	To touch/recoat: 1-2 hours Light handling: 24 hours Full cure: 7 days	
Reducer/Clean-up	Acetone or xylene	
PERFORMANCE PROPERTIES		
	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	25 ± 2% (vol.) clear 45 ± 5% (vol.) pigmented
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	500-4,000 cps
V.O.C.	ASTM D3960	350 g/L
Sheen (60°)	ASTM D523	Low sheen (5-20%)
Pencil Hardness	ASTM 3363	F-HB
Water Immersion	ASTM D870	Pass – no blister after 500 hr. @ 38°C
Accelerated Aging	ASTM D4587	Pass 1096 hrs. QUV 98% gloss retention
Adhesion on PP & POLY-ETH	ASTM D2197	Pass 5-rating

Packaging	Durex® Acrotel SB Plastic 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 SB Plastic Primer in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials at ambient temperatures above 5 degrees C and below 35 degrees C. KEEP FROM FREEZING.
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 SB Plastic Primer. Clean plastic surfaces with isopropyl alcohol. Durex® Acrotel SB Plastic Primer and Durex® Aquathane Pigmented Water-Based Acrylic/Urethane Plastic Coating is a recommended system for coating a variety of plastic surfaces. For best results, apply the Durex® Aquathane Pigmented Water-Based Acrylic/Urethane Plastic Coating topcoat within 3 hours after Durex® Acrotel SB Plastic Primer has been applied.
Application	For vertical or horizontal applications, use a 10 mm or 15 mm nap, lint-free roller to achieve 6-10 mils DFT (150-250 microns). A two-coat application is recommended for a higher film thickness (> 10 mils or 250 microns). Spray application is recommended when coating larger areas to achieve uniform coverage.
Clean-Up	Wash all tools and equipment immediately with acetone or xylene.
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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