

Durex® Acrotel SB

Pigmented Protective Sealer for Concrete & Masonry

Description	Durex® Acrotel SB Pigmented Protective Sealer for Concrete & Masonry is a high-performance solvent-based, acrylic-modified VOC-compliant pigmented sealer formulated to protect and enhance concrete and masonry substrates.
Uses	Durex® Acrotel SB Pigmented Protective Sealer for Concrete & Masonry is used to provide a tough, durable, hard-wearing, long-lasting pigmented sealer for protecting concrete and masonry structures against the penetration of water, moisture and contaminants. It is also used as a coating for light-traffic horizontal surfaces, such as balcony floors and lightly used walkways and stairwells. Durex® Acrotel SB Pigmented Protective Sealer for Concrete & Masonry is to be used throughout the construction season and is considered to be an all-season application product as it is formulated to cure down to minus 5 degrees Celsius.
Ideal For	<ul style="list-style-type: none"> · Exterior coating for concrete and masonry high rise buildings · High-traffic corridor walls in institutional, commercial and industrial applications · Exit stairs, ramps and balconies · Interior damp-proof coating for basement walls · Protecting heavily weathered and salt-prone concrete or masonry surfaces · Applications and drying in cold climate conditions
Features	<ul style="list-style-type: none"> · VOC compliant · Water, mildew and alkaline resistant · Self-priming · Highly resistant to surface cracking · Efflorescence resistant · Resistance to saponification, caused by alkaline substrates · Excellent breathability, allowing humidity to evaporate yet protecting against water penetration, industrial pollution and acid rain · Long-lasting adhesion to variety of masonry substrates · Excellent exterior durability and self-cleaning properties · Low and high temperature application: -5°C to 40°C unlimited film-forming temperature

TECHNICAL DATA

PHYSICAL PROPERTIES		
Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.	
Resin Type	Acrylic copolymer	
Coverage	7.4 m ² /L (300 ft ² /gal) @ 3 mils DFT (2 coats recommended)	
Drying Time @ 23°C (75°F), 55% RH	To touch: 20 mins To recoat: 2 hours Full cure: 7 days	
Reducer/Clean-up	Special solvent or mineral spirit	
PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D2697	50 ± 2% (vol.)
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	1,500-3,000 cps
V.O.C.	ASTM D3960-05	350 g/L
Specific Gravity	ASTM D333	1.2-1.3 ± 0.15 g/L 10.0 ± 2 lb/gal
Sheen (60°)	ASTM D3679	70%
Flash Point Closed Cup		40°C
Water Vapour Transmission	ASTM E96	0.8 Perms
Flexibility (conical mandrel) 4 in.	ASTM D522	Pass

Packaging	Durex® Acrotel SB Pigmented Protective Sealer for Concrete & Masonry is packaged in 18.9 L (5 gal) and 3.78 L (1 gal) units. 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 Pigmented Protective Sealer for Concrete & Masonry in a dry, vented, waterproof location, off the ground, out of direct sunlight and other detrimental conditions.
Surface Preparation	Prepare surface to ICRI CSP 2 via mechanical abrasion. Clean surfaces to remove dirt, loose materials and debris, and/or other materials deleterious to adhesion. Allow surfaces to thoroughly dry prior to applications. Fill cracks and holes, and retool mortar joints to provide a smooth uniform surface. It is recommended to provide a perimeter drip edge for horizontal applications to minimize the visual effects of surface runoff. Do not use in locations subject to continuous water immersion. Ensure surface is ice and frost free when applying in sub-zero temperatures.
Application	<p>THOROUGHLY MIX PRIOR TO USE. DO NOT DILUTE WITH SOLVENT OR OTHER ADDITIVES.</p> <p>Prepare a test patch to verify the effectiveness of the cleaning process, and to check product adhesion to the surface. Do not proceed with applications prior to, during, or after inclement weather conditions, or if adverse weather is anticipated within 24 hours after application. Apply materials at ambient temperatures above -5 degrees C. For cold temperature applications ensure that the surface is ice and frost free. Use Acrotel SB Winter Grade in applications below -5 degrees C. Lower temperatures and high humidity levels will lengthen cure times. Durex® Acrotel SB can be applied using rollers, power sprayers or brushes. Rollers should be lint free and solvent resistant, having a nap of 19 mm to 31 mm (3/4 to 1 1/4 inch) in order to achieve the coverage rate. Provide a perimeter drip edge for horizontal applications to minimize the visual effects of surface runoff. Do not use in locations subject to continuous water immersion.</p> <p>Note: For applications on dense concrete surfaces prime with Durex® Acrotel CP.</p>
Clean-Up	Wash all tools and equipment with mineral spirits.
Maintenance	None required.
Limitations	When applying in sub-zero temperatures, surfaces must be frost and ice free.
Health and Safety	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.

DURabond

Technical Coatings Ltd

HEAD OFFICE
55 Underwriters Road
Scarborough, ON M1R 3B4
T 416.759.4474 F 416.759.4470

MISSISSAUGA
6178 Netherhart Road
Mississauga, ON L5T 1B7
T 905.565.9283 F 905.565.9365

EDMONTON
14345 120th Avenue
Edmonton, AB T5L 2R8
T 780.451.6364 F 780.453.9056

INFO@DURABOND.COM

WWW.DURABOND.COM

1.877.DURABOND (387.2266)

V2.01