

Durex® Acrotel SB Floor – Winter Grade

Exterior Concrete Floor Coating

- Description** Durex® Acrotel SB Floor – Winter Grade Exterior Concrete Floor Coating is a single-component, high-performance and extremely versatile solvent-borne acrylic floor coating. It is specially formulated for coating floor surfaces, such as masonry, metal and plaster.
- Uses** Durex® Acrotel SB Floor – Winter Grade Exterior Concrete Floor Coating is used as a decorative protective coating and finishing of exterior or interior concrete surfaces, particularly suitable for rough and otherwise imperfect surfaces. It is used for either exterior and interior applications at room temperature, as well as elevated or sub-zero conditions. Durex® Acrotel SB Floor – Winter Grade Exterior Concrete Floor Coating is a continuous monolithic surfacing which becomes an integral part of the substrate.
- Ideal For**
- Weatherproofing and waterproofing concrete floors, balconies, light-traffic surfaces
 - Bridges and overpasses
 - Exterior and interior applications
- Features**
- 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 a 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. Specially formulated for winter applications; can cure up to -20°C.

TECHNICAL DATA

PHYSICAL PROPERTIES		
Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.	
Resin Type	Acrylic solvent	
Coverage	7.4 m ² /L (300 ft ² /gal) @ 3 mils DFT	(2 coats recommended)
Cure Time @ 0°C (32°F), 55% RH	To touch/recoat: 1 hour Fully cured: 2 hours	
Sheen, 60° (ASTM D3679)	<2%	
Reducer/Clean-up	Xylene	
PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	50-55% (vol.)
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	2,000-5,000 cps
V.O.C.	ASTM D3960-05	<350 g/L
Specific Gravity	ASTM D333	1.2-1.3 g/L 10 ± 2 lb/gal
Flexibility (Conical Mandrel), 4 in.	ASTM D522	Pass
Cross Hatch Adhesion	ASTM D3359	5 on galvanized steel

Packaging	Durex® Acrotel SB Floor – Winter Grade Exterior Concrete Floor Coating 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 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 WATER 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 -20 degrees C. For cold temperature applications ensure that the surface is ice and frost free. Lower temperatures and higher 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: Film formation of Durex® Acrotel SB Floor – Winter Grade Exterior Concrete Floor Coating is dependent on temperature and humidity. It can be applied from -20 degrees C to 25 degrees C. For applications on dense concrete surface prime with Durex® Acrotel CP Winter Grade.</p>
Clean Up	Wash all tools and equipment immediately after use 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.



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