

Durex® Acro-Hybrid Waterborne Stain

Acrylic-Based Stain for Wood & Concrete Surfaces

- Description** Durex® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces is an innovative acrylic-based stain for fibreglass, wood, and concrete surfaces. It has excellent colour retention and UV resistance, with superior penetration properties to yield a long-lasting, desirable finish.
- Uses** Durex® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces is used as a decorative stain for applications over a variety of substrates. This product is hydrophobic; therefore, it has properties that enhance water resistance and repellence.
- Ideal For**
- Exterior or interior concrete floors
 - Fibreglass surfaces
 - Wood doors
- Features**
- Water-based, safe and easy to handle
 - Very low odour and VOCs
 - Excellent exterior durability
 - Hydrophobic and chemical resistant
 - Leveling, flow and microform-free properties
 - Excellent adhesion to concrete, fibreglass and wood
 - Mildew resistant
 - Very good stain resistance
 - Non-flammable

TECHNICAL DATA

PHYSICAL PROPERTIES

Colour	Please see <i>Durex® Colour Selection Guide</i> for available colour options.
Resin Type	100% Acrylic-hybrid
Coverage	4-5 m ² /L (200-250 ft ² /gal) @ 3 mils DFT
Cure Time @ 23°C (75°F), 55% RH	To touch: 2 hours To recoat: 8 hours Full cure: 7 days
pH Level	8.5 – 10
Reducer/Clean-up	Water

PERFORMANCE PROPERTIES	TEST METHOD	RESULTS
Percent Solids	ASTM D7232-06	35± 3% (vol.)
Viscosity (Brookfield) 23°C (75°F)	ASTM D2196	300-1,000 cps
V.O.C.	ASTM D3960	< 50g/L (0.30 lb/gal)
Specific Gravity	ASTM D333	1.2 ± 0.1 g/L 9-10.5 lb/gal
Abrasion Resistance	ASTM D4000	1000 g load, 1700 cycles, C-S Wheel 35 mg loss

Packaging	Durex® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces 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® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces in a dry, vented, waterproof location, stacked off the ground, out of direct sunlight and other detrimental conditions. Store liquid materials as ambient temperatures above 5 degrees C and below 35 degrees C. KEEP FROM FREEZING.
Surface Preparation	<p>New Wood: Prior to application, abrade the surface by using 200 grit sandpaper.</p> <p>Sealed Wood Surface: If wood has been previously sealed, remove the coating by scrubbing with sandpaper. First use 120 grit followed by 220. Sealed wood is often glossy in appearance.</p> <p>Sealed Concrete: Existing sealed surface must be completely removed by mechanical abrasion or chemical stripping.</p> <p>Fibreglass: Clean surface with a solvent-based cleaner. Wipe the surface with a clean cloth and let it dry for a few minutes.</p> <p>Concrete Floors and Wood Decks: Wash the entire surface with a good quality deck wash solution as per manufacturer's recommendations, using a scrubbing brush or power washer. Let the solution stand for 5 minutes prior to rinsing. Rinse the entire surface twice with clean water using a power washer or water hose. Dry the surface after each rinse using a foam squeegee or a wet/dry vacuum. Allow the surface to dry completely. This will take approximately 1-2 hours, depending on temperature and humidity.</p> <p>Note: The surface must be completely cleaned, rinsed and dried; otherwise, the sealer may not bond properly to the surface. Do not use high pressure greater than 1,000 psi when using a power washer.</p>
Application	Durex® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces can be applied using a variety of methods, including a rag, sponge, airless sprayer, brush or roller (5-10 mm nap roller). This product is designed as a one-coat system; however, additional coats may be applied if desired. Additional coats may be applied as soon as the surface is tack-free.
Clean-up	Wash all tools and equipment immediately with warm water and mild detergent. Allow any unused product to harden in container and discard according to local regulations.
Limitations	Do not use Durex® Acro-Hybrid Waterborne Acrylic-Based Stain for Wood & Concrete Surfaces if temperature is less than 10 degrees C and relative humidity is greater than 60%.
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 advice 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. Please 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.



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)

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