

Durex® Brush Coat

Acrylic High Build Primer, Protective & Decorative Coating

Description	Durex® Brush Coat is one of the various exterior textures offered by Durabond Products Ltd. under the trade name of Durex® Architectural Coatings. Durex® Brush Coat is a high build protective coating 100% acrylic based. It is the most versatile of the Durex® Architectural Coatings. It is primarily roller applied, resulting in a light, uniform, sand-textured finish. It can also be applied by brush.
Uses	Durex® Brush Coat in a two-coat application is an effective long-wearing protective coating for concrete and masonry, for new as well as existing structures. Durex® Brush Coat provides a uniform appearance in both colour and texture. Durex® Brush Coat in a one-coat application is an effective primer for all Durex® Architectural Coatings.
Advantages	<p>Durex® Brush Coat provides the following features:</p> <ul style="list-style-type: none"> • Exceptional exterior durability • Excellent water repellency, protects wall from moisture penetration • Breathable coating, allows water vapour within the wall system to evaporate • Excellent adhesion to substrate • Abrasion resistant • Colour-fast (not affected by ultra violet rays) • Heavy-duty protective coating

TECHNICAL DATA

PHYSICAL PROPERTIES		
Product Type	Water-based acrylic protective coating	
Density	1.20 – 1.34 Kg/ltr	
Viscosity	3500 – 4500 cps – ASTM D2196 127 – 135 KU – ASTM D562	
pH Level	9.0 to 9.5	
Toxicity	Non-toxic	
Coverage	2.95 m ² /L (600ft ² /pail) @ 1 coat 1.97 m ² /L (400ft ² /pail) @ 2 coats Coverage will vary according to the porosity of the substrate	
PERFORMANCE PROPERTIES	METHOD	RESULT
Surface Burning Characteristics	CAN/ULC S102	Flame Spread – 8 Fuel contributed <5, smoke developed <5
Elongation %	ASTM D412	175%
Accelerated Weathering	ASTM G155	Pass 5000 hrs.
Freeze / Thaw resistance	ASTM C67	Pass 60 cycles
Mildew Resistance	ASTM D3273	No Growth
Colour Uniformity	ASTM D1729	Pass 5000 hrs
Dry Adhesion	ASTM D4541	1.48 MPa (215 psi)
Water Absorption	ASTM D570	3.78% by weight
Water Vapour Permeance	ASTM E96	412 ng/Pa.s.m ² (7.42 perms)
Salt Spray Resistance	ASTM B117	Pass 300 hrs
Ultimate Tensile Strength	ASTM D412	1.53 MPa (222 psi)
Reduction of Chloride Penetration	ASTM C1202	97%

Packaging Durex® Brush Coat is available in multitude of standard colours and Custom colour matching is available upon request. Durex® Brush Coat is packaged in 25 kg pails.

Storage Store Durex® Brush Coat on a dry, vented, waterproof location, stacked off the ground with ambient

temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. KEEP FROM FREEZING. DISCARD ANY FROZEN MATERIALS.

Application	Substrate must be dry, solid, clean, and free of weak and powdery surfaces, dust, dirt, oil, grease and other deleterious materials detrimental to a positive bond. (Consult Durabond Products Limited for questionable surfaces). Clean substrate surfaces by wire brushing or other methods approved by Durabond Products Ltd. If necessary, clean existing substrate surfaces by sandblasting or high-pressure water blasting. Apply a coat of Durex® Dur-X-Cel Primer on all new concrete surfaces and chalky, mineral and/or weak concrete surfaces. Thoroughly stir Durex® Brush Coat within its own pail before each use. Discard all frozen materials, materials which have formed solid lumps at the bottom of the container and materials which do not appear to be of a homogeneous viscosity. Using a 19mm to 30mm (3/4" – 1 1/4") high pile roller, apply the coating with several passes, evenly spreading the coating over the entire substrate surface. Ensure that the final stroke of the roller is always in the same direction and with the same pressure applied to the roller. Carefully organize the work with sufficient available tradesmen in order to complete an entire section from natural break point to natural break point. AVOID STOP AND START LINES WITHIN ANY ONE SECTION. DO NOT SUBSTITUTE NOR COMPENSATE DUREX® BRUSH COAT WITH WATER OR OTHER ADDITIVES.
Limitations	Durex® Brush Coat is not recommended for use: <ul style="list-style-type: none">• Over previously treated surfaces without proper preparation• Surfaces where forming oils are still present• When ambient, surface and material temperatures are below 5°C (41°F) during application and curing period
Drying Time	Protect freshly installed material from inclement weather until materials are fully set and cured. Allow a minimum of 24 hours for curing between coats.
Clean-up	Clean all tools promptly after use with clean water. Do not allow to dry on tools. See Durex® Cleaning Solution CS-100 (Group F) for softening of dried Durex® Brush Coat.
Health and Safety	For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For Industrial use only. Keep out of reach of children.
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 Products Ltd. sales representative.

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