

Durex Granite

Acrylic High Build Multi-Coloured Decorative Coating

Description	Durex® Granite is a high build, multi-coloured, protective coating consisting of coloured ceramic beads embedded in a clear, 100% acrylic resin. It is the most visual of the Durex® Architectural Coatings.
Uses	Durex® Granite is used as an effective long-wearing protective coating over all types of solid substrates. Durex® Granite is mixed to match selected colours.
Features	<ul style="list-style-type: none"> • Exceptional durability • Aggregates in clear resin • Excellent water repellency; protects surfaces from moisture penetration • Breathable coating; allows water vapour within the wall system to evaporate • Excellent adhesion to substrate • Colourfast, not affected by ultra-violet rays

TECHNICAL DATA

PHYSICAL PROPERTIES	
Product Type	Water-based acrylic coating with integral ceramic beads
Appearance	Dense paint/sand-like consistency (ready mixed)
Toxicity	Non-toxic
Density	1.65 kg/ltr
Bulk Pot Life	2 years in can (sealed)
Coating Thickness	Type F: 1.2 mm; Type M: 1.7 mm; Type C: 2.5mm
Coverage	8- 10m ² /pail Average coverage: One Coat: 11m ² /pail (120 ft ² /pail)
Surface Requirements	Primed with Durex® Brush Coat

PERFORMANCE PROPERTIES	METHOD	RESULT
Freeze/Thaw Stability	ASTM C67	Pass
Water Vapour Transmission	ASTM E96	570 ng/Pa.s.m ² (10 perms)
Water Absorption	ASTM D570	3.65%
Surface-Burning Characteristics	CAN4-S102	Flame spread – 8 Smoked developed < 5 Smoked contributed < 5
Dry Adhesion	ASTM D4541	1.35 MPa (195 psi)
Alkali Resistance	ASTM 1308	Pass
Accelerated Weathering Resistance	ASTM G155	Pass 3500 hrs

Packaging Durex® Granite is readily available in an assortment of colour schemes and custom colour match is available upon request. Durex® Granite is packaged in 30 kg pails.

Storage Store Durex® Granite in 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.**

Application Thoroughly mix Durex® Granite in its own pail before each use. Discard all frozen material, materials which have formed solid lumps at the bottom of the container and materials which do not appear to be of a homogeneous viscosity. Substrate must be dry, solid, clean and free of weak and powdery surfaces, free from ice, snow, dew and deleterious materials detrimental to a positive bond. (Consult Durabond Products Limited for questionable surfaces). Application of the Durex® Granite shall be executed by a team of at least 2 tradesmen. While one tradesman spreads the coating on the wall, the second tradesman following shall float the freshly applied coating to the desired texture. The process of applying and floating the Durex® Granite coating shall be continuous from the starting point to a natural break point, such as expansion/control joints and corners. Using a stainless steel trowel spread the Durex® finish onto the wall with upward strokes of the trowel. Hold the trowel at a 20-25 degree angle to the wall for better spreadability. Apply sufficient pressure to provide an even and consistent layer of coating equivalent to the thickness of the largest (sphere-like) quartz aggregate in the mix. Using a plastic trowel begin the floating process in a continuous circular motion of approximately 300 mm – 350 mm (12"-14") in diameter per stroke immediately after the coating has been freshly applied. Keep a wet edge. Do not allow the freshly

applied coating to form a surface film before beginning the floating process. Allow a minimum of 24 hours for curing. Protect freshly applied coating from inclement weather until coating has fully set and cured. Prevent rapid evaporation. **DO NOT SUBSTITUTE NOR COMPENSATE DUREX® GRANITE WITH WATER OR OTHER ADDITIVES.**

- Limitations** Durex® Granite is not recommended for use:
- . Over previously treated surfaces without proper preparation
 - . Surfaces where oils and other contaminants are present
 - . When ambient, surface and material temperatures are below 5°C (41°F) during application and curing period
- Clean-up** Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools. Durex® Cleaning Solution CS-100 is available to aid cleaning of soiled areas where the Durex® Granite has dried.
- 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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