

PRODUCT 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.

ADVANTAGES:

- exceptional durability
- 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

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

APPLICATION:

DO NOT SUBSTITUTE NOR COMPENSATE **DUREX GRANITE** WITH WATER OR OTHER ADDITIVES.

Thoroughly mix **DUREX GRANITE** in 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.

Substrate must be dry, solid and sound, free of weak and powdery surfaces, free from ice, snow, dew and frost, oil, grease releasing agents and other

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:	1670 kg/m ³
Bulk pot life:	2 years in can (sealed)
Coating thickness:	1 coat – 0.7 mm; 2 coats combined – 1.5 mm

Performance Characteristics:

TEST	METHOD	RESULT
Freeze/thaw stability:	CAN3-A82.2-78	No measurable loss of weight or visible damage.
Water vapour transmission:	ASTM E96-80	570 ng/Pa·s·m ²
Water absorption:	CGSB1-GP-162M	6.01%
Surface burning characteristics:	CAN4-S102-M83	Flame spread – 8 Smoke developed < 5 Smoke contributed < 5
Dry adhesion:	CGSB-1GP-162M	No bond failure at axial pull of 22.68 kg/2.54 mm ² (50 lbs/in ²).

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DECORATIVE COATINGS
HIGH BUILD RESINOUS DECORATIVE COATING

TECHNICAL DATA (cont'd.)

Performance Characteristics: (cont'd.)

TEST	METHOD	RESULT
Alkali resistance:	CGSB-1GP-162M	No blistering, wrinkle, lift or change in colour.
Accelerated weathering resistance:	CGSB-1GP-162M	After 50 cycles no blisters, check, crack chalk or change in colour.
Coverage:	One coat – 18.5 m ² /pail (200 ft ² /pail) Two coats combined – 9.25 m ² /pail (100 ft ² /pail)	
Surface requirements:	Primed with Durex Brush Coat	

deleterious materials detrimental to a positive bond. Check with **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.

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.

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.

PACKAGING:

DUREX GRANITE is readily available in an assortment of 12 colour schemes. **DUREX GRANITE** is packaged in 30 kg pails.

COVERAGE:

Average coverage:

one coat - 18.5 m²/pail (200 ft²/pail)
two coats combined - 9.25 m²/pail (100 ft²/pail)

WARRANTY:

Durabond Products Limited fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case **Durabond's** responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

TECHNICAL SERVICES:

Technical assistance for unique applications and design is available upon request from **Durabond Products Ltd.**

DURABOND

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F-7