

PRODUCT DESCRIPTION:

DUREX ELASTOMERIC ARCHITECTURAL COATINGS is a line of high build, textured, multi-coloured, protective coatings consisting of coloured quartz aggregates embedded in a clear, 100% elastomeric acrylic resin. They are offered in five distinct textures: ELASTOMERIC SANDEX, ELASTOMERIC GRAFFIATO, ELASTOMERIC MARBLECOAT 1.8, MARBLECOAT 1.5, MARBLECOAT MEDIUM and ELASTOMERIC VENECIAN.

USES:

DUREX ELASTOMERIC ARCHITECTURAL COATINGS are used as an effective long wearing protective coating over all DUREX EIFS as well as the primary coating over many solid substrates such as concrete, stucco, masonry and CMU.

ADVANTAGES:

- exceptional crack bridging capability
- unsurpassed durability
- excellent dirt pick up resistance
- 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 ELASTOMERIC ARCHITECTURAL COATINGS are not recommended for use:

- over previously treated substrates without proper surface preparation
- when ambient, surface and material temperatures are below 5°C (41°F) during application and curing period

APPLICATION:

DO NOT SUBSTITUTE NOR COMPENSATE **DUREX ELASTOMERIC ARCHITECTURAL COATINGS** WITH WATER OR OTHER ADDITIVES.

Thoroughly mix **DUREX ELASTOMERIC ARCHITECTURAL COATINGS** 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.

TECHNICAL DATA

Physical Properties:

Product type:	Acrylic based elastomeric coating.
Appearance:	Heavy bodied, paste consistency.
Viscosity:	300,000 to 500,000 cps.
Ph Level:	9.0 to 9.5
Toxicity:	Non-toxic
Min. film forming temp:	0°C
Shelf life:	3 years

Performance Characteristics:

TEST	METHOD	RESULT
Film thickness:		1.0 mm to 2.0 mm (depending on type of texture)
Water Vapour Permeability:	ASTM E-96	755 ng/ Pa·s·m ² @ 25°C
Flexibility:	ASTM D522 (1/2")	180° over 1/2" rod at -20°C
Adhesion:	ASTM D4541	185 psi axial load
Tensile Strength (Max.):	ASTM D412	275 psi @ 25°C (28 days cure) 710 psi @ 0°C
Elongation at Break:	ASTM D412	235% @ 25°C 130% @ 0°C

TECHNICAL DATA (cont'd.)

Performance Characteristics: (cont'd.)

TEST	METHOD	RESULT
Recovery after 24 hours:		100%
Mildew Resistance:	ASTM D3273	28 days > 85% RH - no growth
Carbon Dioxide Diffusion:		Refer to Durex EMC for effective CO ₂ Diffusion protection
Dirt Pick-up Resistance:		Excellent
Curing time:		2 hours tack free (at 20°C) 48 hours full cure (at 20°C)

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 deleterious materials detrimental to a positive bond.

Check with **Durabond Products Limited** for questionable surfaces. Application of the **DUREX ELASTOMERIC ARCHITECTURAL COATINGS** 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 ELASTOMERIC ARCHITECTURAL COATINGS** 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 ELASTOMERIC ARCHITECTURAL COATINGS** 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 an up and down motion of approximately 400 mm - 450 mm (16" -18") in stroke length 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. The final texture shall be created in the floating process by the aggregate rolling between the trowel and the substrate leaving an even sand-like smooth pattern throughout in the final finish.

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 ELASTOMERIC ARCHITECTURAL COATINGS** has dried.

STORAGE:

Store **DUREX ELASTOMERIC ARCHITECTURAL COATINGS** 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 ELASTOMERIC ARCHITECTURAL COATINGS is readily available in an assortment of 28 colour schemes. **DUREX ELASTOMERIC ARCHITECTURAL COATINGS** is packaged in 30 kg pails.

COVERAGE:

Average coverage: 9.3 m²/pail (100 ft²/pail)
Marble Coat Medium: 11.15 m²/pail (120 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 Limited**.

DURabond

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