

Durex Art-I-Stone

Polymer-Modified Decorative Floor Coating

- Description** Durex® Art-I-Stone is a cementitious, two-component polymer-modified, flexible coating, which is suitable for both interior and exterior floor and wall surfaces. This well-balanced blend of selected aggregates and various types of cements work in synergy to create beautifully textured and coloured patterns which replicate a wide range of finishes such as tile, stone, brick, slate, and many more.
- Uses** Durex® Art-I-Stone can be used to coat concrete floor surfaces and a variety of wall surfaces such as gypsum wall-board, brick, concrete, cement board, fibre-reinforced gypsum and many others. Durex® Art-I-Stone’s wide range of styles can be used to decorate surfaces in homes, offices, restaurants, industrial and recreational spaces, driveways, walkways, terraces, patios, pool areas, retaining walls, garden ponds and much more.
- Features** Durex® Art-I-Stone is offered in a number of standard textures, colours and patterns, however, it can be custom-designed to meet even the most demanding design, landscaping or architectural needs. Durex® Art-I-Stone is seamless, unlike tile or any other flooring or re-surfacing material. Durex® Art-I-Stone has been formulated with numerous ideal features to facilitate and simplify its use:
- Simple to use
 - Excellent workability
 - Low shrinkage
 - Excellent compressive and flexural strength
 - Excellent adhesion to a variety of substrates
 - Excellent freeze-thaw stability
 - Seamless application eliminates mismatched patterns or seams
 - Completely washable with either soap and water or mild detergents
 - Much less susceptible to lifting compared with tile
 - Very easy to repair
 - Very cost effective
 - Very easy to maintain
 - Offered in an infinite number of textures, colours and patterns

TECHNICAL DATA

PHYSICAL PROPERTIES

Product Type	Water-based latex emulsion
Appearance	Fine granulated grey powder
Toxicity	Non-toxic
Coverage	1 bag per 2.6 m ² (28 ft ²) at 6.4 mm (1/4”) thick

PERFORMANCE PROPERTIES

TEST METHOD

RESULTS

Compressive Strength	ASTM C109-90	1 Day 19.3 MPa (2800 psi) 7 Days 29.0 MPa (4209 psi) 28 Days 37.9 MPa (5500 psi)
Flexural Strength	ASTM C348	6.8 MPa (980 psi)
Shear Bond Adhesion	ASTM C1042	7 Days 4.5 MPa (650 psi) 14 Days 7.9 MPa (1150 psi)
Tensile Strength	ASTM C190	7.6 MPa (1100 psi)

- Packaging** Durex® Art-I-Stone is packaged in 22.7 kg (50 lbs) bags. Durex® Art-I-Stone Liquid is packaged in 18.9 litre (5 gal) pails. Durex® Art-I-Stone Sealer is packaged in 3.75 litre (1 gal) units.
- Storage** Store Durex® Art-I-Stone, Durex® Art-I-Stone Liquid and Durex® Art-I-Stone Sealer in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep material dry, protected from rapid temperature changes, dampness and moisture and away from direct sunlight. **KEEP FROM FREEZING.**
- Coverage** One bag of Durex® Art-I-Stone mixed with 5 litres (140 oz) of Durex® Art-I-Stone Liquid covers approximately 4.65 m² (50ft²) at a thickness of 3.2 mm (1/8”).

Mixing Procedure

Mix Durex® Art-I-Stone with Durex® Art-I-Stone Liquid in accordance with the following formula by weight:

- 1 bag, 22.7 Kg (50 lbs) Durex® Art-I-Stone
- 5 litres (140 oz) Durex® Art-I-Stone Liquid

Pour Durex® Art-I-Stone Liquid into a clean empty mixing container. While under slow mixing action add the Durex® Art-I-Stone in the required mixing proportions. Mix well until the mixture is free of lumps. Do not over-mix or use excessive mixing speed. Let mixed material stand for a few minutes until they begin initial stiffening. Mix only enough material which can be used within 45 minutes. Re-temper and use. Discard all materials which have begun to stiffen for a second time.

Application

Clean all areas to be coated by suitable means so the substrate is clean and sound, free of dust, dirt, oil, grease, paint or any other foreign matter which may be detrimental to a positive bond. Mark the specified pattern on the substrate to be coated using chalk or other means, which will leave any deleterious substance behind. Apply a coat of Durex® Art-I-Stone Liquid to the clean, dry surface using a 6.4 mm (1/4") high pile roller and allow it to dry for minimum 2 hours. Apply the mixed material to the primed surface using a clean steel trowel to achieve the specified texture. Do not apply at a thickness greater than 6.5 mm (1/4"). 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. Apply specified colour over cured material using a sponge, roller or brush to achieve desired look. Allow the colour to cure for a minimum of 24 hours. Apply a minimum of 2 coats of Durex® Art-I-Stone Sealer using a 6.5 mm (1/4") high roller and allow to cure for a minimum of 24 hours.

Limitations

Durex® Art-I-Stone is not recommended for use:

- When ambient, surface and material temperatures are below 5°C (41°F) during application and curing period
- For applications which require a coating more than 9.5 mm (3/8") thick
- For horizontal wood substrates with large deflection
- For leveling badly damaged substrates

Clean-up

Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.

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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