

Durathane

Two-pack aliphatic polyurethane high gloss clear coating

Packaging



Mixing



Application



Uses



Substrates

Porous natural stone
Sandstone
Quarry tiles
Slate & granite/
marble

Description

A two-part polyurethane high gloss clear coating.

Uses

A two-pack polyurethane for high gloss clear coating for porous stone, granite, marble, slate, concrete and masonry surfaces. Suitable for use on floors, walls and shower alcove applications. Not suitable for permanent immersion. Suitable for exposure to light vehicle traffic. Only suitable for use on concrete slabs laid on an impermeable vapour barrier. **To ensure suitability of the product a test area must be completed before proceeding.**

Features

- Easy application - medium viscosity with self-levelling properties
- Hard, non-yellowing, high gloss
- Excellent adhesion to a variety of substrates
- Excellent chemical resistance
- Interior or exterior application
- Water resistance (not suitable for full immersion)

Performance Data

Hardness (Shore D) 90

Gloss 85 (at 65 degrees)

Adhesion (cross-hatch on concrete) No failure

Coverage

 (Approximate)

8m²/litre/coat (2 coats minimum)

Surface Preparation

Surface to be coated must be firm, clean, dry and free of oil, grease, efflorescence, contaminants and other coatings. Do not apply over paint, loose or crumbly surfaces. New concrete should have cured for 28 days. New floors are cleaned by scrubbing with warm water mixed with a mild household detergent, washed with clean water and allowed to dry thoroughly.

Mixing

Once containers are open all material must be mixed immediately. Thoroughly mix Part A with Part B in a 1:1 ratio. Mix using a broad, flat paddle or mechanical mixer. Allow to sit for 5 minutes before using. Discard unused material after 4 hours.

Solvent

Xylene or similar.

Application

Apply in temperatures above 5°C. Apply with brush or short-nap roller. Apply two coats. If the substrate is particularly porous, three coats may be required, thinning the first coat 50:50 with Solvent. Allow 4-8 hours between coats. Surface can be exposed to light traffic after 24 hours, and placed into full surface after 24-72 hours. Ultimate hardness will be achieved after 7 days. For the best gloss production and smoothest finish, lightly sand between coats. If recoating after time, coating must be lightly sanded and cleaned thoroughly.

Non-slip finish - incorporate non-slip material into the first full-wet coat, either by hand-casting at a rate of 12-25g per square metre whilst the first coat is still wet, or by stirring non-slip material into **Durathane** before application at a rate of 100-200g per litre. If hand-casting, excess material should be swept away before applying the next coat. A test area should always be prepared so as to ensure the desired effect is achieved.

Apply marble and granite primer prior to the application of **Durathane** on marble or granite.

Safety Instructions

Contains flammable solvents in the liquid state. Do not smoke during application or apply in the presence of naked flames, electrical equipment or sparks. Ensure adequate ventilation during application and drying period. Avoid contact with skin or eyes, breaching vapour or mist spray. Keep out of children's reach.

Precautions

Not suitable for use in permanently immersed situations, e.g. swimming pools/ponds. Not suitable for heavy wear application - light vehicle traffic only.

Sealer Disclaimer: This product is used under conditions that are beyond our control, the manufacturer will not be responsible for the results obtained. Liability is restricted to the replacement of any material proved faulty and the manufacturer is not responsible for loss or damage arising from incorrect usage. Determining the suitability of the product for any intended use shall be the sole responsibility of the user.