

AUAV00018 Dulux Avista Natural Stone Look Flakes

Introduction

Product Code
FD400 Line

Product Overview and Image

Dulux Avista Natural Stone Look Flakes are pigmented polymer flakes of various sizes combined to create a premium, natural stone look finish when applied to internal concrete surfaces.



Uses

Dulux Avista Natural Stone Look Flakes are used in the decorative flake flooring system. For use in various commercial and domestic flooring applications such as Garage Floors, Shops, Warehouses, Kitchens and Laundries, Offices, Schools and Showrooms.

Typical Properties

Shelf Life
Unlimited if stored as directed.

Clean Up
 **Thinner**

Application Methods

By hand.

Application Guide

Surface Preparation

Ensure surface to be coated is free of all dirt, grease, oil, paint, curing agents and other contaminants. The surface needs to be prepared by either grinding or acid etching.

Grinding: If the floor is in bad condition, or if there is any paint, curing agent or type of coating on the surface, grinding is advised.

Acid treatment: Acid etch with hydrochloric acid. Dilute approx 10 parts water to 1 part acid (depending on porosity) to remove any loosely bound cement and laitence. Apply acid by using a watering can with a large showerhead. Apply evenly over the dry surface. Do an area of approximately 10m²

Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi (Acid etching should be used on large open areas, example factories and warehouses)

Note: If acid washing a garage floor, hose down the driveway first so the acid will not bleach the driveway surface when washing the garage out.

Mask job where necessary.

Repair all cracks and holes first

Install coving if required.

Do not apply over expansion joints

Application Procedure and Equipment

Application Avista Water Based Epoxy

Mixing

Mix A and B in correct proportions (1:1 by volume) in a clean, dry 10 or 20L bucket. Mix thoroughly for 3 minutes with mechanical mixer at medium speed until mix colour is uniform (white).

Add 1 x 400ml Avista Waterbased Colour Tint per 8L kit (disregard this step if Part A has already been tinted in store). Mix thoroughly until even colour is achieved.

Pot life, approximately 2-4 hours.

Note: surface can be damp when Water Based Epoxy is applied (as long as no pools of water are on surface).

Application method

Apply mixed product using a roller and roller tray.

Ensure coat is applied evenly.

Apply 2 coats allowing a minimum of 4 hours between coats, depending on conditions.

Third coat may be required to ensure solid colour coverage if white colour is required.

Note: First coat can be diluted up to 10% with water if surface is dry.

Applying Natural Stone Look Flakes

Remove flakes from box and place in a suitable clean, dry bucket.

Avista Water Based Epoxy must have adequate film build for flake to adhere to. Do not allow to dry prior to applying flake. It is suggested to complete this step in manageable sections, by rolling approximately 10m² of Water Based Epoxy and applying flake whilst area is still wet.

Immediately after applying Avista Water Based Epoxy coating and while coating is tacky, walk out on the job wearing spiked shoes and evenly sprinkle the dry flake over the surface.

Evenly sprinkle the flakes from an open flat palm with fingers spread. Move hand back and forth allowing the flakes to fall evenly while the surface is still tacky.

Ensure a full and even coverage.

Allow Avista Water Based Epoxy to cure (approximately 4-6 hours depending on conditions).

Broom and discard excess flake.

Vacuum thoroughly.

Top Coats - Using Avista Polyurethane or Avista 2 Pack Urethane or Polyaspartic

First coat

Approximate coverage - 3m² per litre for first coat

Apply Avista Polyurethane or 2 Pack Urethane by a 13ml roller or unifibre. Ensure even application. Application subsequent coats

Once first coat is dry give a light sand with 80 to 100 grit paper to knock down any high points.

Approximate coverage: 6-10m² per litre.

Second (and 3rd coat if required) should be applied within 3-24 hours of previous coat, depending on conditions and which sealer is being used.

Refer to the relevant Technical Data Sheet for specific recoat times. If too much time is allowed for cure, adhesion can be difficult to obtain on subsequent coats.

If too much time has elapsed then the first coat will have to be abraded and solvent wiped to provide extra key before the second or third coats are applied.

A slip resistant additive may be added to the final coat, particularly if the area gets wet. Refer to Avista Slip Reducing TDS. Gloss reduction will occur.

Health and Safety

SDS Number
PAR000558

SDS Link
[View SDS Link](#)

Using Safety Precautions
Recommended PPE:
Organic vapour respirator mask
Solvent resistant gloves
Safety eye wear
Appropriate foot wear

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Precautions and Limitations

Combustible.

Transport and Storage

Size:

Weight:

5KG

5KG

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.