

Dulux Avista Natural Stone Look Flakes



Decorative flooring polymer flake

Description

Avista Decorative Flake is a pigmented polymer flake individually coloured of irregular shape and sizes. Available in a selection of colours.

Uses

Dulux Avista Natural Stone Look Flakes are used in the decorative flake flooring system. For use in various commercial and domestic flooring applications.

Suitable application areas include:

- Garage floors
- Shops
- Warehouses
- Kitchen and laundries
- Offices
- Schools
- Showrooms

Properties

UV Resistance:	Very good
----------------	-----------

Limitations

- Combustible.

Coverage

10m² per 5kg box, depending on application method

Shelf life

Unlimited if stored as directed.

Storage Conditions

Store in an air tight poly-bag in a dry environment at room temperature to avoid moisture, humidity and product degradation.

Flake Flooring System – Application Instructions

Natural Stone Look Flake System

Approximate 2 day application after preparation.

System overview

- Avista Water Based Epoxy (2 coats)
- Avista Decorative Flakes
- Avista Polyurethane or Avista 2 Pack Urethane (2 coats)

Step 1

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

Dulux Avista Natural Stone Look Flakes

Step 2

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.

Step 3

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.

Step 4

Top Coats - Using Avista Polyurethane or Avista 2 Pack Urethane

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.

Dulux Avista Natural Stone Look Flakes

Cleaning

Clean up Avista Epoxy, Avista Polyurethane and Avista 2 Pack Urethane with Avista Solvent.

Clean up with water when using Avista Water Based Epoxy.

Safety

Recommended PPE:

- Organic vapour respirator mask
- Solvent resistant gloves
- Safety eye wear
- Appropriate foot wear

Supply

FD400487-5KG	Dulux Avista Natural Stone Flakes Dalmatian Stone
FD400488-5KG	Dulux Avista Natural Stone Flakes Harvard Grey
FD400489-5KG	Dulux Avista Natural Stone Flakes Night Fall
FD400490-5KG	Dulux Avista Natural Stone Flakes Anchor Bay
FD400491-5KG	Dulux Avista Natural Stone Flakes Rocky Ridge
FD400492-5KG	Dulux Avista Natural Stone Flakes Swan
FD400493-5KG	Dulux Avista Natural Stone Flakes Outback (MTO)
FD400494-5KG	Dulux Avista Natural Stone Flakes Stoney Creek (MTO)
FD400495-5KG	Dulux Avista Natural Stone Flakes Tidal Wave (MTO)

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Dulux Avista website www.duluxavista.com.au. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In an emergency, contact any Poisons Information Centre (Telephone 131 126 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Dulux Avista does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

