



Avista Internal Flooring Decorative Flakes / with 2 Pack Urethane on New Concrete flooring/paths [Interior]









AU_SV16293

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

Substrate And Substrate Preparation	
Substrate Notes:	<p>CONCRETE A mixture of Portland cement, fine and coarse mineral aggregates, water and additives. Concrete is generally reinforced with mild steel bars and/or mesh. Unless the concrete is suitably coated, it is prone to spalling, particularly in or near cities, industrial areas and near the coast.</p>
Substrate Preparation Notes:	<p>ASSESS SUITABILITY New concrete floors shall be cured for 28 days minimum. If a wax based curing compound has been used, the coating of the concrete is not recommended as the wax prevents adhesion to the concrete. A light grind might be required to remove the curing agent or any previous coating.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill all cracks, blowholes and other imperfections with a suitable solvent tolerant filler and allow to cure. Do NOT fill expansion joints. Use an epoxy filling mortar to fill any cracks, defects or blowholes in the concrete.</p> <p>ACID WASH Acid etch with hydrochloric acid. Dilute approx. 10 parts water to 1 part acid to remove any loosely bound cement and laitance. 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.</p> <p>COAT Apply the floor coating system in strict accordance with the technical data sheets and specification without delay before the floor becomes recontaminated.</p>

Coating System Summary	
1st Coat:	AU_DV02444: Avista Internal Flooring Waterbased Epoxy Low Sheen
2nd Coat:	AU_DV02444: Avista Internal Flooring Waterbased Epoxy Low Sheen
3rd Coat:	AU_DV02448: Avista Internal Flooring Decorative Flakes
4th Coat:	AU_DV02496: Avista Concrete Sealer 2 Pack Urethane Gloss
5th Coat:	AU_DV02496: Avista Concrete Sealer 2 Pack Urethane Gloss
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AU_DV02444 Avista Internal Flooring Waterbased Epoxy Low Sheen
Application Methods:	  Roller Hopper Gun		
		Min	Max
Theoretical Spread Rate *		6	10
Wet Film Per Coat (microns)		100	167
Dry Film Per Coat (microns)		50	83
Recoat Time **		4 hours	4 hours
Coating Application Details:	<p>Add pre-tinted Part A and B in correct proportions (1:1 by volume) in a clean, dry 10L bucket. Mix thoroughly for a minimum 3 minutes with a mechanical mixer at low speed until mix colour is uniform.</p> <p>Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Mix thoroughly until even colour is achieved.</p> <p>Note: First coat can be diluted up to 10% with water if the surface is dry.</p> <p>Apply product using a roller and roller tray. Ensure coat is applied evenly and not too thick. Allow approximately 4 hours between coats, depending on conditions.</p>		

Coat Type:	2nd Coat	Datasheet:	AU_DV02444 Avista Internal Flooring Waterbased Epoxy Low Sheen
Application Methods:	  Roller Hopper Gun		
		Min	Max
Theoretical Spread Rate *		6	10
Wet Film Per Coat (microns)		100	167
Dry Film Per Coat (microns)		50	83
Recoat Time **		4 hours	4 hours
Coating Application Details:	<p>Before mixing the Waterbased Epoxy for the flake coat, remove flake from box and place in a suitable clean, dry bucket so it is ready to go.</p> <p>Add pre-tinted Part A and B in correct proportions (1:1 by volume) in a clean, dry 10L bucket. Mix thoroughly for a minimum 3 minutes with a mechanical mixer at low speed until mix colour is uniform.</p> <p>Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Mix thoroughly until even colour is achieved.</p> <p>Apply product using a roller and roller tray. Ensure coat is applied evenly.</p> <p>Second coat to be applied undiluted. Allow approximately 4 hours between coats, depending on conditions.</p> <p>Third coat may be required in the lighter colours, particularly white.</p> <p>The flake coat should be applied thicker to hold the flake.</p> <p>Avista Waterbased Epoxy must have adequate film build for flake to adhere to. Do not allow to dry prior to applying flake.</p>		
Coat Type:	3rd Coat	Datasheet:	AU_DV02448 Avista Internal Flooring Decorative Flakes
Coating Application Details:	<p>Immediately after applying Avista Waterbased Epoxy coating and while it is still tacky, walk out on the job wearing spiked shoes and evenly sprinkle the dry flake over the surface. Ensure a full and even coverage.</p> <p>If a partial flake (or terrazzo look) is required have a small amount of flake in hand and throw it up high so it falls sparsely on the wet epoxy.</p> <p>Allow Avista Epoxy to cure (approximately 4-6 hours depending on conditions prevailing). Once completely dry, give the surface a pole sand or a light scrape if a full flake is required. For a partial flake only a stiff broom is required. Broom and discard excess flake. Vacuum thoroughly.</p>		
Coat Type:	4th Coat	Datasheet:	AU_DV02496 Avista Concrete Sealer 2 Pack Urethane Gloss
Application Methods:	   Airless Spray Brush Roller		
		Min	Max
Theoretical Spread Rate *		3	10
Recoat Time **		3 hours	24 hours
Coating Application Details:	<p>Mixing Instructions Mix 8.75L Part A and 1.25L Part B to make 10L kit. Mix product with a paint stirrer for minimum 3 minutes.</p> <p>Application 1st Coat Apply Avista 2 Pack Urethane using a 12-16ml roller or a unifier roller.</p>		
Coat Type:	5th Coat	Datasheet:	AU_DV02496 Avista Concrete Sealer 2 Pack Urethane Gloss
Application Methods:	   Airless Spray Brush Roller		
		Min	Max
Theoretical Spread Rate *		3	10
Recoat Time **		3 hours	24 hours
Coating Application Details:	<p>Mixing Instructions Mix 8.75L Part A and 1.25L Part B to make 10L kit. Mix product with a paint stirrer for minimum 3 minutes.</p> <p>Application 2nd coat Second coat should be applied within 3 -24 hours dependent on conditions prevailing. 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. Avista Slip Reducing Additive may be added to the final coat, particularly if the area gets wet. Refer to Slip Resistant Additive TDS.</p>		

Coating System	* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.
Notes:	** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.

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