

Avista Internal Flooring Waterbased Epoxy Low Sheen / with Stippled Stone look on New Concrete flooring/paths [Interior]

AU_SV16305

Description
Avista's Waterbased Epoxy Stippled Stone look is an alternative to a solid colour or decorative flake flooring.

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_DV02444: Avista Internal Flooring Waterbased Epoxy Low Sheen
Optional:	AU_DV02496: Avista Concrete Sealer 2 Pack Urethane Gloss
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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:	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. Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Mix thoroughly until even colour is achieved. Note: First coat can be diluted up to 10% with water if the surface is dry. 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.		

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	Recommended
				133
				67
				4 hours
Coating Application Details:	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. Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Mix thoroughly until even colour is achieved. Apply product using a roller and roller tray. Ensure coat is applied evenly. Second coat to be applied undiluted. Allow approximately 4 hours between coats, depending on conditions. Third coat may be required in the lighter colours, particularly white.			
Coat Type:	3rd 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	Recommended
				133
				67
				4 hours
Coating Application Details:	Mix 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 (white). If applying a white fleck, no tint is needed as the product is already white when mixed. To add tint for a coloured fleck, start with 20ml of tint per litre. (more or less can be added to achieve required colour). Add mix to a hopper gun. Hold up high with the pressure approximately 15 PSI, half pull trigger and spray the required amount of fleck to surface moving back at all times (Spray less as you can always add more) For a second fleck you can wear spiked shoes to walk out and apply fleck. (Be careful not to drag feet or hose across the floor). Once fleck is dry, if a gloss or a more resistant finish is required, apply one to two coats of Avista 2 Pack Urethane.			
Coat Type:	Optional	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	Recommended
				24 hours
Coating Application Details:	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. Application 1st Coat Apply Avista 2 Pack Urethane using a unifier roller.			

Coat Type:	Optional	Datasheet:	AU_DV02496 Avista Concrete Sealer 2 Pack Urethane Gloss		
Application Methods:	 Airless Spray	 Brush	 Roller		
Theoretical Spread Rate *		Min	Max	Recommended	
		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 Notes:	<p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p>				

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