

Avista Internal Flooring Waterbased Epoxy Low Sheen / Tinted to an Avista or Dulux colour on Aged Uncoated Substrate Concrete flooring/paths [Interior] AU_SV15221

Substrate And Substrate Preparation	
Substrate Notes:	<p>CONCRETE</p> <p>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</p> <p>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.</p> <p>CLEAN</p> <p>Remove all surface contamination such as dirt, dust, curing compounds, bond breakers, grease or oils by washing with a free-rinsing, alkaline detergent, such as Gibson F310B or Gamlen CA No. 1 in strict accordance with the manufacturers written instructions. Pay attention to, and conform to, all safety warnings. Oil or grease stains may require steam cleaning. Rinse with fresh water to remove all detergent residues. A clean surface is indicated when the rinsing water wets out the surface instead of beading on the surface. Repeat until the surface is clean.</p> <p>ABRADE</p> <p>Diamond grind, track blast or shot blast the floor to remove surface laitance and create a sound, profiled substrate for topcoating. All surfaces should be clean and dry prior to coating. Ensure the surface is dry - moisture content must be less than 10% when checked with a moisture meter.</p> <p>COAT</p> <p>Apply the floor coating system in strict accordance with the technical data sheets and specification without delay before the floor becomes recontaminated.</p> <p>REPAIR SURFACE IMPERFECTIONS</p> <p>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>CHECK MOISTURE</p> <p>Ensure that the floor is dry before coating; check that the moisture content of the bare concrete is no greater than 10% using a standard moisture metre.</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
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>Mix A and B in correct proportions (1:1 by volume) in a clean, dry 20L bucket. Mix thoroughly for a minimum 3 minutes with a mechanical mixer at low speed until mix colour is uniform (white). Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Add 1 x 400ml Avista Waterbased Colour Tint per 8L kit. Mix thoroughly until even colour is achieved. Note: First coat can be diluted up to 10% with water.</p> <p>Apply product with a roller or spray with hopper gun. Roller tray required for roller application. Ensure coats are applied evenly and not too thick. First coat can be diluted up to 10% with water. Allow approximately 4 hours between coats, depending on conditions. Second coat to be applied undiluted. Third coat may be required in the lighter colours. To obtain a lower slip factor it is advisable to use the appropriate slip reducing additive with the sealer for better grip under adverse conditions.</p>		

Coat Type:	2nd Coat	Datasheet:	AU_DV02444 Avista Internal Flooring Waterbased Epoxy Low Sheen	
Application Methods:	  Roller Hopper Gun			
		Min	Max	Recommended
Theoretical Spread Rate *		6	10	
Wet Film Per Coat (microns)		100	167	133
Dry Film Per Coat (microns)		50	83	67
Recoat Time **		4 hours		4 hours
Coating Application Details:	Mix A and B in correct proportions (1:1 by volume) in a clean, dry 20L bucket. Mix thoroughly for a minimum 3 minutes with a mechanical mixer at low speed until mix colour is uniform (white). Transfer contents into separate clean bucket. Ensure no unmixed product remains in the first bucket. Mix again. Add 1 x 400ml Avista Waterbased Colour Tint per 8L kit. Mix thoroughly until even colour is achieved. Note: First coat can be diluted up to 10% with water. Apply product with a roller or spray with hopper gun. Roller tray required for roller application. Ensure coats are applied evenly and not too thick. First coat can be diluted up to 10% with water. Allow approximately 4 hours between coats, depending on conditions. Second coat to be applied undiluted. Third coat may be required in the lighter colours. To obtain a lower slip factor it is advisable to use the appropriate slip reducing additive with the sealer for better grip under adverse conditions.			
Coating System Notes:	* 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.			

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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

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