

Avista Concrete Sealer 2 Pack Urethane Gloss on Aged Uncoated Substrate Concrete (Off Form, Tilt Up, Pre Cast) [Exterior] AU_SV15182

Description	
Avista 2 Pack Urethane is a clear two pack sealer with good wear and chemical resistance. It can also be coloured using the Avista Sealer tint range.	
Summary	
As a high gloss clear sealer over stamped and stencil concrete, resurfacing systems, coloured and plain concrete, flake flooring and can be applied to most concrete surfaces including polished or ground concrete.	
Substrate And Substrate Preparation	
Substrate Notes:	<p>CONCRETE (Off Form, Tilt Up, Pre Cast)</p> <p>SUBSTRATE DESCRIPTION</p> <p>OFF FORM CONCRETE Off form Concrete is produced by placing suitable forms and shoring to hold the wet concrete into the required shape. Reinforcements are placed within or on the formwork to give concrete its strength. Once the formwork and shoring are removed the result is the off form concrete.</p> <p>TILT UP Tilt Up concrete is derived simply from the method of construction, wall panels are cast on a horizontal surface that then require lifting, and tilting vertically into their final position. Construction is commenced with the laying of the structures foundation and floor slab, wall panels are then cast on the floor one on top of each other in a stack arrangement.</p> <p>PRE CAST Pre Cast concrete are concrete panels that are cast on horizontal vibrating beds that are then cured in racks that are delivered to site that then require lifting, and positioned into their final position.</p>
Substrate Preparation Notes:	<p>PCO018 - OFF FORM, TILT UP, PRE CAST</p> <p>Off Form Concrete should be installed as per AS3610 Control of Concrete Surface Formwork (current edition) and AS 3850.2 Tilt Up Concrete & Pre Cast Elements for use in Buildings (current edition)</p> <p>PREPARATION Ensure concrete is sufficiently cured (14 - 30 days depending on conditions). Concrete is to be clean and free of grease, oil, stiff broom and general purpose cleaner recommended. Paint, curing agents and acrylic sealers must be removed by either stripping or grinding. Pressure clean surface at minimum 2000 psi and allow to dry. Acid etch with hydrochloric acid. Dilute approximately 20 parts water to 1 part acid (depending on porosity) to remove any loosely bound cement and laitence. NOTE: smooth concrete will require a higher acid content. Maximum strength - 10 parts water to 1 part acid. 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. Allow surface to dry and ensure is dust and dirt free before sealing (sealing over damp concrete will cause whitening). Refer to Dry Test.</p> <p>Dry Test Place a piece of plastic over a small area, tape the edges and leave for 1 hour. Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry for sealing.</p>
Additional Notes:	Wet or steep areas may become slippery, it is recommended that Avista Slip Reducing Powder be added to the final coat to provide wet slip resistance.

Coating System Summary	
1st Coat:	AU_DV02496: Avista Concrete Sealer 2 Pack Urethane Gloss
2nd 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_DV02496 Avista Concrete Sealer 2 Pack Urethane Gloss
Application Methods:	 Airless Spray	 Brush	 Roller
	Theoretical Spread Rate *	Min 3	Max 10
	Recoat Time **	6 hours	18 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 For non porous surfaces the first coat must be diluted to penetrate into the substrate and provide better wetting. Dilution can be up to 20% with Avista Solvent. Diluted sealer must be used immediately. Do not store or return to original sealer. If there are some doubts about application and appearance, test a small area first. Apply Avista 2 Pack Urethane by either a suitable paint brush, 100% mohair 4mm pile nap roller or airless spray. For spray application, 10% Avista Solvent should be added.</p> <p>Tinting If tinting is required, add 1L of Avista Concrete Sealer Colour Tint per 10L kit. Add the tint after the Parts A and B have been mixed together and then mix for another 2 minutes.</p>		
Coat Type:	2nd Coat	Datasheet:	AU_DV02496 Avista Concrete Sealer 2 Pack Urethane Gloss
Application Methods:	 Airless Spray	 Brush	 Roller
	Theoretical Spread Rate *	Min 3	Max 10
	Recoat Time **	6 hours	18 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 6 -18 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> <p>Tinting If tinting is required, add 1L of Avista Concrete Sealer Colour Tint per 10L kit. Add the tint after the Parts A and B have been mixed together and then mix for another 2 minutes.</p>		
Additional Coating Details:	<p>After sealing it is recommended that the sealed surface be protected from: Rain/water/sprinkler systems for minimum 6 hours Foot traffic for a minimum of 48 hours Vehicle traffic for a minimum of 72 hours The time depends on weather conditions and coating thickness, therefore, check suitability before allowing traffic.</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. Cannot be applied over solvent based acrylic sealers. Surface must be abraded for second coat if over 18 hours between coats. When surface requires resealing, the surface will need to be abraded before sealing.</p>		

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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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