

# ALES PROOF

## ELASTOMERIC WATERPROOFING COATING

<b>Product Name</b>	<b>ALES PROOF</b>												
<b>Product Description</b>	An acrylic-based coating with excellent outdoor durability, washability and elastomeric properties.  <b>Complies to Singapore Green Labelling Scheme (ID: 032-028)</b>												
<b>Designed Use</b>	As a decorative and protective finish for various building surfaces: <ul style="list-style-type: none"> <li>• Concrete</li> <li>• Plaster</li> <li>• Brickwork</li> <li>• Hard &amp; Soft Board</li> </ul>												
<b>Binder Type</b>	Acrylic base												
<b>Performance</b>	<ul style="list-style-type: none"> <li>• Excellent durability &amp; color retention</li> <li>• Excellent scrub-ability</li> <li>• Easy application</li> <li>• Excellent algae and fungus resistance</li> <li>• High opacity for good coverage</li> <li>• Excellent elasticity and crack bridging properties</li> <li>• Minimum 100% elongation</li> </ul>												
<b>Physical Properties</b>	Theoretical Coverage* 7 m <sup>2</sup> / Litres / coat ( standard ) Volume Solids 40% Dry Film Thickness 50 µm / coat (DFT varies on substrate condition) Wet Film Thickness 125 µm Flash Point Not applicable												
<b>Finishing</b>	Refer to SUPER UNILIC colour chart												
Colours	Smooth sheen finish												
Finishing	20L												
Pack Size													
<b>Practical Application</b>													
Drying Times	<table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature</th> <th rowspan="2">Surface Dry</th> <th colspan="2">Over-coating Interval</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>30°C</td> <td>60 minutes</td> <td>2 hours</td> <td>Indefinite</td> </tr> </tbody> </table>	Ambient Temperature	Surface Dry	Over-coating Interval		Minimum	Maximum	30°C	60 minutes	2 hours	Indefinite		
Ambient Temperature	Surface Dry			Over-coating Interval									
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30°C	60 minutes	2 hours	Indefinite										
Dilution	Clean household water												
Cleaning Up	Clean household water												
<b>Dilution Ratio</b>	Ready for use. If thinning is required, max 5% fresh water												
Brush & Roller	Dilution up to 10% water												
Conventional Spray	Ready for use												
Airless Spray													
<b>Application</b>													
Airless Spray	A typical set up would be a minimum of 155 kg/cm <sup>3</sup> with nozzle size of 0.38 - 0.43 mm and a spray tip angle of 65°.												
Conventional Spray	A typical set up would be a minimum atomising pressure of 2.8 kg/cm <sup>2</sup> and fluid pressure of 0.4 kg/cm <sup>3</sup> with a nozzle size of 0.43 mm.												

**Surface Preparation**
**New Unpainted Surfaces:**

Allow surface to cure and dry out at least 28 days. Large cracks must be repaired with cement, Sand mix and rendered smooth. Make good all minor defects with exterior grade fillers. Remove all loosely adhering residues by thorough brushing.

**Repainting:**

Check for fungus and algae growth. If present, treat the surfaces with Kansai Fungi wash by brush or roller onto the surface and allow it to penetrate and dry. When dry removes all fungi, algae, chalk, loosely, adhering contaminants by pressure water-jetting. If surface is chalky, use solvent sealer instead of water base sealer.

**Recommended Paint System**
**New, unpainted surfaces**

<b>1<sup>st</sup> coat</b>		<b>2<sup>nd</sup> &amp; 3<sup>rd</sup> coat</b>	
Hi Sealer Water Base / AP Sealer	Recoat after 2 hours	ALES PROOF	Recoat 1 – 2 hours

**Repainting**

<b>1<sup>st</sup> coat</b>		<b>2<sup>nd</sup> &amp; 3<sup>rd</sup> coat</b>	
Oil Base Sealer No.3	Recoat after 4 – 5 hours	ALES PROOF	Recoat 1 – 2 hours

**Storage**

Store in cool dry place, avoid direct sunlight and keep away from naked flame and reach of children

**Shelf Life**

24 months under normal condition

**.Health & Safety**

- Ensure adequate lighting and ventilation during application and drying.
- This product does not contain added lead or mercury.
- When applying paints, it's advisable to wear eye protection.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Use soap and water to remove splashes from skin.
- Storage: Replace lid cover after each use. Remaining paint must be stored in cool, dry and clean place.
- Do not empty into drains or water courses.
- Keep out of reach of children.
- Safety Data Sheet (SDS) is available upon request.



Keep seal tight



Secure upright



Wear proper protection



Practice proper disposal

For further information on Product Data, please contact:

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\*Practical coverage will vary according to the roughness and porosity of surface to be painted, the application method and condition, dry film and thickness and the skill of applicator.

The information in this technical data sheet is given to the best of our knowledge based on laboratory testing and practical experience and is provided as a general advice only. No guarantee of results is implied since the conditions of use are beyond our control. It is the responsibility of the users to ensure the suitability and proper usage of the product. We reserve the right to change the data without prior notice.