

ALES COOL REFLECT

Product Name	ALES COOL REFLECT
Product Description	Ales Cool Reflect is a waterbased solar reflective coating with excellent durability for exterior application. It helps to lower the surface temperature of buildings by reflecting solar radiation before it can be absorbed. Complies to Singapore Standard (SS 678 :2021)
Designed Use	For use on new or previously painted exterior masonry surfaces such as brickwork, plaster, cement rendering.
Binder Type	Acrylic Polymer
Performance	<ul style="list-style-type: none"> • Excellent fungal and algae growth resistance • No added lead or mercury • Low VOC and odour
Physical Properties <i>Theoretical Coverage*</i> <i>Volume Solids</i> <i>Dry Film Thickness</i>	10-12m ² /L @ 25 microns ~39% 30 microns/ coat
Finishing <i>Colours</i> <i>Finishing</i> <i>Pack Size</i>	White and selected colours. Low sheen 20 litres.
Application <i>Drying Times</i> <i>Dilution</i> <i>Cleaning Up</i>	Surface dry : 10 min ; Recoat : 1-2 hours (Dependent on temperature and humidity) Clean household water. Clean household water.
Dilution Ratio <i>Brush or Roller</i>	Ready for use. Dilution up to 10% water.
Surface Preparation	<p>New, unpainted surfaces Allow surfaces 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 appropriate exterior grade fillers. Remove all loosely adhering residues by thorough brushing.</p> <p>Repainting Check for fungus and algae growth. If present, treat the surfaces with fungicidal wash by brushing onto the surface with bleach mix (1 part household bleach with 3 parts water). Allow the mixture to penetrate the affected surface. Make good all defects with appropriate patching materials. When dry, remove all fungi, algae, chalk, loosely adhering contaminants by using high pressure water-jetting. Check for powders - if present, the surface must be sealed with a coat of PAR Plasterseal 1001 solvent base wall sealer.</p>

Recommended Paint System	New, unpainted surfaces :			
	1st		2nd & 3rd	
	Hi-Sealer Water Based	Recoat 1 -2 hours	Ales Cool Reflect	Recoat 1 -2 hours
Safety & Health Information	Repainting :			
	1st		2nd & 3rd	
	Hi-Sealer Water Based	Recoat 1 -2 hours	Ales Cool Reflect	Recoat 1 -2 hours
NB : Hi-Sealer Water Based work best on surfaces with a moisture content of below 15% and alkalinity below pH-9, otherwise premature paint failure may occur.				
<ul style="list-style-type: none"> • Ensure adequate lighting and ventilation during application and drying. • This product does not contain added lead or mercury. • When applying paints, it is 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: Keep container closed and store in clean and dry conditions. • Dispose of contents and container in accordance with all local, regional, national and international regulations. • Do not empty into drains or water courses. • This product is not flammable. Keep out of reach of children. • Safety Data Sheet (SDS) is available upon request. 				

For further information on Product Data, please contact :

Decorative Sales Department

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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.