





ALES COOL

HEAT INSULATION PAINT

Product Name	ALES COOL
Product Description	A high-performance heat-insulating water-based coating based on special ceramic beads and acrylic resin.
Designed Use	As a heat insulating coating onto various substrates: <ul style="list-style-type: none"> • Metal roofs • Exterior & Interior plastered walls and ceilings • Steam pipes, ducting work (air-conditioning & heating) • Tanks for chemical storage, boilers, food preparation • Refrigeration units and refrigerated trucks • Ductile pipes
Performance	<ul style="list-style-type: none"> • Good heat insulation • Environmentally friendly • Easy application • Good adhesion to substrate • Reduces sound transmission especially on metal roofs • Thermal properties consistent throughout its coating life • Durable
Application Data	
Paint Dilution	Product is ready for use. If thinning is required, by fresh water.
Theoretical Coverage*	3 m ² / Liter / coat (standard)
Dry Film Thickness	175 μm / coat (DFT varies depending on substrate condition)
Drying Time	1 hour at 30°C
Over-coating Interval	Min. 3 hours at 30°C
Dilution Ratio	
Brush	0 – 10%
Roller	0 – 5%
Airless Spray	0 -10%
General Information	
Specific Gravity	1.05 g/cm ³ (White)
Packing Size	20 Liters
Surface Preparation	<p><u>New unpainted Surfaces:</u></p> <p>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.</p> <p><u>Repainting:</u></p> <p>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 the surface is chalky, use solvent sealer instead of water-based sealer.</p>

Recommended Paint System	Concrete & Plaster:				
	1st coat		2nd coat & 3rd coat		* Optional coat
	Hi Sealer Water Based	Recoat after 2 hours	Ales Cool	Recoat after 1-2 hours	Super Unilic
Steel / Metal:	1st coat		2nd coat & 3rd coat		* Optional coat
	Kanpe Lead & Chromate Free Primer	Recoat after 4-5 hours	Ales Cool	Recoat after 1-2 hours	Super Unilic
	* Due to nature of formulation, Ales Cool does not have a smooth finishing. For smooth finishing, paint 1 additional coat Super Unilic				
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	<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 see medical advice. • Use soap and water to remove splashes from skin. • Storage: Keep containers closed and store them in clean and dry conditions. • Do not dispose into drains or any water sources. • This product is not flammable. 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.