



Hi-Heat 6200

Heat Resisting Aluminium

Protective Coating

Generic Type	Single component oleo resinous modified alkyd.					
General Properties	Hi-Heat 6200 is a heat resisting aluminium finish with exceptionally bright and gloss properties.					
Uses and Properties	Hi-Heat 6200 is widely used for the protection of steel subject to temperature exposure up to 200 deg. C in a wide range of industrial environment such as power stations, petrochemical plants, oil and gas offshore facilities, etc.					
Technical Information	Finish Gloss Color Aluminium Component One Volume Solids 54 ± 2% Dry Film Thickness 25 to 50 um Flash Point 34 deg. C Specific Gravity Approx. 0.96 Temperature Resistance up to 200 deg. C Packaging 5.0 litres Shelf life 12 months minimum					
Typical Painting System	Substrate Surface			Primer		
	Steel			Hi-Heat 6200		
	Normally coat over blasted or powertool clean steel.					
Application Method	Airless Spray			Tip Size : 0.33 - 0.38 mm (13 - 15 thou)		
	Recommended method of application			Pressure : 110 - 160 kg / cm ² (1600 - 2300 psi)		
Application Method	Conventional Spray			: Can be used		
	Brush or Roller			: Recommended for stripe coating and small areas only		
Drying & Curing Time	Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval		Pot Life
				Minimum	Maximum	
	15 deg. C	7 hours	28 hours	28 hours	Indefinite	3 hours
	25 deg. C	5 hours	18 hours	18 hours	Indefinite	2 hours
35 deg. C	2 hours	6 hours	6 hours	Indefinite	1 hours	
* The properties above may vary with surface temperature, site environment, film thickness, etc.						
Thinners & Cleaners	Thinner : Thinner 51 (5% maximum addition) Cleaner : Cleaner 12 Storage : Always store thinner and cleaner in a cool and shaded area. Exposure to direct heat is not recommended.					

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can guarantee the quality of product itself.



Surface Preparation	<p>All surface to be coated must be clean, dry and free from contamination in accordance to ISO 8504. Oil and grease must be removed by solvent cleaning in accordance to SSPC - SP1.</p> <p>Abrasive blast clean to Sa 2.5 (ISO 8501-1:2007) or SSPC - SP6 or powertool clean to St.3. If oxidation has occurred between the blasting time and application of Hi-Heat 6200, the surface should be reblasted to the specified visual standard.</p> <p>A surface profile of 25 to 50 microns is recommended.</p>
Application Temperatures	<p>Air and surface temperature should be between 20 to 45 deg. C and surface temperature must be minimum 3 deg. C above dew point.</p>
Mixing	<p>Stir content thoroughly with a mechanical stirrer until uniformly mixed.</p>
Repair / Topcoating	<p>Damaged areas should be touch up with a coat of Hi-Heat 6200.</p>
Product Limitations	<p>This product is not recommended for immersion.</p> <p>Applications of excessive thickness may result in blistering during service.</p> <p>Applications directly over zinc primers and galvanised iron are not recommended and a suitable sealer coat is necessary.</p>
Safety Precaution	<p>This product is flammable and must be kept away from any source of ignition. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately. Keep out of reach of children.</p>

Disclaimer: The above information is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given information without prior notice.