



ADVANCE PAINTS

CORROSION PROTECTION PROFESSIONALS

Advotherm HHR 3160

High Heat Resistant - 600°C Silicone Coating

GENERAL DESCRIPTION	A single pack coating specially formulated on Silicone Resin and pigmented with Aluminium flakes to protect steel surfaces operating at temperatures up to 600°C.
RECOMMENDED USE	On Stacks, Boiler casings, Exhaust pipes, hot Pipelines, pumps & manifolds, Process vessels and equipments which reach temperature up to 600°C. <i>If skin temperature is less than 300°C, please do not use this product.</i>

PHYSICAL DATA	<p>Colour: Aluminium Finish: Metallic Lustrous Volume Solids (by ASTM D 2697): 28 ±2% Viscosity: 38 seconds @ 30°C</p> <p>Recommended Dry Film Thickness: 20 - 25µ Theoretical Spreading Rate: 12 m² per litre @ 20µ DFT Flash Point: >26°C</p>
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PERFORMANCE PARAMETERS	15 cycles Quenching Test	Passes 600°C
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Temperature	Touch Dry	Hard Dry*	Overcoating Minimum	Interval Maximum
15°C	30 minutes	*	24 hours	Indefinite
25°C	10 minutes	*	18 hours	Indefinite
35°C	5 minutes	*	12 hours	Indefinite

- **Hard Dry:** This product will harden only when the temperature is raised to 200°C for a minimum of 2 hours (normally as the coated item is brought to service).

Thinner Recommended Shelf Life	Thinner for Advotherm 12 months
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SURFACE PREPARATION	<p>New Steel: Blast cleaning to SA 2½. An average surface profile of 10 to 15µ is acceptable but it should not exceed 20µ. Only Inorganic Zinc Silicate Primer may be used for priming.</p> <p>Maintenance: Remove oil, grease, Salt, loose paint, rust or any other contaminants. In</p>
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ADVANCE PAINTS PVT. LTD.

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	contaminated environment hose down with fresh water & allow to dry.
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APPLICATION DATA				
Method	Pressure ((Atm)	Nozzle Orifice	Thinner	*Thinner Volume
Brushing	-	-	Thinner for Advotherm	0 - 3%
Air Spray Conventional	4 - 5	0.021 - 0.031	Thinner for Advotherm	0 - 3%
Airless Spray	4 - 5	0.021 - 0.031	Thinner for Advotherm	0 - 3%
_* Thinner is not normally required or desired. However at lower ambient temperatures 3% or less may be added.				
SAFETY PRECAUTIONS	<ol style="list-style-type: none"> 1. Keep the material away from heat, spark, and direct flame. 2. In case of contamination, rinse with fresh running water and seek medical help at once. 3. Provide sufficient ventilation when working with solvent based coatings in confined spaces and stagnant air. 4. Follow Local and National Safety Rules. 			
NOTE	<ol style="list-style-type: none"> 1. Thinner consumption and loss factor in practical coverage of paint depends upon the site condition. 2. Avoid inhalation of solvent vapour or paint mist by using facial mask. Also use gloves and goggles to protect against direct contact of paint with skin and eyes. 3. This cancels all previous information sheets for this Product. 4. Information given here is in good faith without warranty. 			
<i>Issued on: 7th February, 2015</i>				

The information given above is to the best of our knowledge and laboratory results. As we do not have control over the quality of the substrate, application conditions, and the skill of the applicator, we do not take any responsibility for the loss or damage caused due to wrong use of the product. We recommend the user to test the product for its suitability.

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