

Advotherm HR 3125

(Heat Resistant - 250°C Oleoresinous Based Coating)

GENERAL DESCRIPTION

A Two pack coating specially formulated on Oleo Resin and pigmented with Aluminium flakes to protect steel surfaces operating at temperatures up to 250°C.

RECOMMENDED USE

On Stacks, Boiler casings, Exhaust pipes, hot Pipelines, pumps & manifolds, Process vessels and equipments which reach temperature up to 250°C.

Physical Data

Colour	Aluminium
Finish	Metallic Lustrous
Volume Solids (by ASTM D 2697)	31 ±1%
Mixing ratio	17:3 by Volume
Recommended Dry Film Thickness	20 – 25µm
Wet Film Thickness	66 – 83 Micron
Mixed Viscosity @30°C	30 seconds @ 27 ± 2°C

DRYING TIME:

Drying times generally depend on air circulation, ambient temperature, film thickness and number of coats, and will be affected accordingly. The figures given in the table below are indicative only.

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TEMPERATURE		15°C	25°C	35°C
INDUCTION TIME		N/A	N/A	N/A
TOUCH DRY		8 Hrs	4 Hrs	3 Hrs
HARD DRY		18 Hrs	14 Hrs	12 Hrs
OVERCOATING INTERVAL	MINIMUM	24 Hrs	16 Hrs	12 Hrs
	MAXIMUM	Indefinite	Indefinite	Indefinite
POT LIFE		N/A	N/A	N/A

THINNER RECOMMENDED	Advothorm Thinner
SHELF LIFE	12 months

LIMITATION	
POT LIFE	N/A
BLASTING OR APPLICATION	Don't blast or apply When ambient temperature < 10°C When Substrate temperature is less than 3°C below the dew point. When relative humidity >95%

SURFACE PREPARATION	Accumulated dirt and solvent salts must be removed by brush followed by fresh water cleaning. Repeat the process still the surface is free from chloride & dry it. Oil and grease should be removed following SSPC-SPI solvent cleaning.
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ABRASION BLAST CLEANING	Abrasion blast clean to minimum Sa 2½ (ISO 8501-1:2007) or SSPC-SP10. Surface profile would be sharp and angular to 20 – 25 micron. Coating should be applied prior to surface oxidation. If surface oxidation has occurred, reblast to visual standard. Surface defects like weld spatters, holes etc. must be taken care.
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MIXING METHOD	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Agitate Base (Part A) with a pneumatic stirrer add slowly hardener (Part B) for 3-5 minutes till the mixture becomes homogeneous. Do not add thinner.
AIRLESS APPLICATION	Airless spray not recommended for difficulty in controlling film thickness
BRUSH APPLICATION	Can be applied by brush without thinning. Avoid runs or sags.
STORAGE	The product must be store below 25°C and in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space, and away from source of heat and ignition. Containers must be kept tightly closed.
SAFETY PRECAUTIONS	Keep the material away from heat, spark, and direct flame. In case of contamination, rinse with fresh running water and seek medical help at once. Provide sufficient ventilation when working with solvent-based coatings in confined spaces and stagnant air. Follow Local and National Safety Rules.
WORK STOPPAGE	Clean the hoses, gun or spray equipment immediate after application. Do not allow material to remain in the equipment system

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CLEAN UP	Clean all equipment thoroughly with Advotherm Thinner immediately after use. As part of good working practices, spray equipment should also be flushed periodically during the working day. The frequency of cleaning depends on factors such as the volume of material sprayed, ambient temperature, and the duration of any delays or downtime. Dispose of all surplus materials and empty containers responsibly, in compliance with applicable regional regulations and legislation
NOTE	Thinner consumption and loss factor in practical coverage of paint depends upon the site condition. 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. This cancels all previous information sheets for this Product. Information given here is in good faith without warranty.
DISCLAIMER	The information provided in this document is based on Advance Paints best knowledge, derived from laboratory testing and practical experience. As Advance Paints products are considered semi-finished goods, they are often used under conditions beyond the company's control. Therefore, Advance Paints can only guarantee the quality of the product itself and cannot assume responsibility for its performance under all circumstances. Minor variations in the product may occur to meet local requirements. Advance Paints reserves the right to amend the provided data without prior notice. Users should always consult Advance Paints for specific guidance on the suitability of this product for their particular needs and application practices.

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This data list is not exhaustive. For further information or additional details, please reach out to our Technical Service Team.

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