



ADVANCE PAINTS

CORROSION PROTECTION PROFESSIONALS

CIN : U24110MH1941PTC003381

Advotherm 3160 ZN Gr

High Heat Resistant - 550°C Zinc Graphite Primer

GENERAL DESCRIPTION	A single pack coating specially formulated on inorganic polymer and pigmented with zinc dust and inert graphite pigment to protect steel surfaces operating at elevated temperatures up to 550°C.
RECOMMENDED USE	On Stacks, Boiler casings, Exhaust pipes, hot Pipelines, pumps & manifolds, Process vessels and equipment having skin temperature 100 - 450°C as a primary coat. <i>If skin temperature is less than 100°C, please do not use this product.</i>

PHYSICAL DATA	Colour Grey Finish Smooth, Uniform, Matt
Volume Solids (by ASTM D 2697)	48 ±2%
Recommended Dry Film Thickness	40 ± 5 μ
Theoretical Spreading Rate	12 m ² per litre @ 40μ DFT
Flash Point	>26°C

PERFORMANCE PARAMETERS	
15 cycles Quenching Test	Passes 600°C

Temperature	Touch Dry	Hard Dry*	Overcoating	Interval
			Minimum	Maximum
15°C	20 minutes	*	16 hours	Indefinite
25°C	10 minutes	*	12 hours	Indefinite
35°C	5 minutes	*	8 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	New Steel: Blast cleaning to SA 2½. An average surface profile of 25 to 40μ is acceptable.
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AP/107/O&G/Nov23

ADVANCE PAINTS PVT. LTD.

Advance House, Plot No. A, Ark Industrial Compound, Makwana Road, Marol Naka, Andheri (East), Mumbai 400 059, India
T: +91 22 28590162 • F: +91 22 2852 8826 • info@advancepaints.com • www.advancepaints.com



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PREPARATION	Maintenance: Remove oil, grease, Salt, loose paint, rust or any other contaminants. In 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.

Issued on: 21st DEC, 2023

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.

Contact: Advance Paints Pvt. Ltd.

Advance House, Plot 'A', Ark Industrial Compound,
Makwana Road, Off Andheri Kurla Road, Marol Naka,
Andheri East, Mumbai: 400 059.

Email: metashield@advancepaints.com

Contact No. (022) 28590162, 63, 64

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