

GALOZINC 1185 (INORGANIC ZINC SILICATE PRIMER)

GENERAL DESCRIPTION

Low VOC, Two components high build, Inorganic Zinc and ethyl silicate primer containing 85% metallic zinc by weight in dry film and meets to the Criteria of SSPC – Paint 20 Type – I Level – I. Based on ASTM D-520 Type II Zinc and import cathodic protection to steel surface under humid and corrosive atmosphere.

RECOMMENDED USE

It is designed for use on Steel structures, Pipelines, Pressure vessels in Refineries & Chemical Industries, and Marine Installations.

Suitable for ISO 12944 C5M and C5I conditions.

PHYSICAL DATA

Colour	Metallic Grey
Finish	Matt
Volume Solids (by ASTM D 2697)	60 ± 2%
Recommended Dry Film Thickness	60 – 75 µm per coat
Wet Film Thickness	100 – 125 µm per coat
Theoretical Spreading Rate	8 m ² per litre @ 75 µm
Flash Point	>20°C
Continuous Service Temperature	400°C

DRYING TIME:

Drying times are generally depending on air circulation, ambient temperature, film thickness and number of coats, and will be affected accordingly. The figures given in 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		25 Minutes	20 Minutes	15 Minutes
HARD DRY		2 hours	2 hours	2 hours
OVERCOATING INTERVAL	MINIMUM	8 hours	8 hours	8 hours
	MAXIMUM	Indefinite	Indefinite	Indefinite
POT LIFE		6 hours	5 hours	4 hours

THINNER RECOMMENDED	Galozinc Thinner for zinc silicate
SHELF LIFE	12 Months @25°C

LIMITATION	
BLASTING OR APPLICATION	Do not carry out an application in the following conditions: When relative humidity > 95 % When ambient temperature < 10°C and ≥35°C When Substrate temperature is less than 3°C above the dew point.

SURFACE PREPARATION	Abrasive blasting to SA 2½-3 with surface profile of 40 to 75µm.
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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 100 - 125 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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AIRLESS APPLICATION	Pump Ratio: 60 : 1 Tip size : 0.38 – 0.53 mm Air pressure: 4 - 5 BAR
CONVENTIONAL AIR SPRAY	N/A
BRUSH APPLICATION	For small area or to touch up, apply by brush. Do not apply when humidity is very high (>90°C) or the ambient temperature is below 3°C of dew point.
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. Shelf life deteriorate if the product is stored above 25°C.
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 with water immediate after application. Do not allow material to remain in the equipment system.

CLEAN UP	Clean all equipment thoroughly with water 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 sheet is not exhaustive. For further information or additional details, please reach out to our Technical Service Team.

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