



**** Zinc Phosphate Primer ****

PRODUCT DESCRIPTION:

A specially formulated single pack and conventional Zinc Phosphate Primer.

SPECIAL FEATURES:

- Easy to apply and fast drying.
- Excellent adhesion .
- Outstanding resistance against weathering.
- Tough and abrasion resistant properties.

AREA OF USES:

- As an economical **priming coat** over various **Interior/Exterior** metal surfaces i.e., steel structure, tanks, pipes... etc.
- Applicable over hand prepared steel surfaces as well as abrasive blast cleaned steel!
- Particularly suited to protect steel objects exposed to handling transportation and mechanical damage.
- Suitable for application to objects exposed to sea and aggressive environments.

PRODUCT DATA:

FINISH	:	MATT.
COLOUR	:	Grey.
VOLUME SOLID	:	47 % .
PRODUCT WEIGHT	:	1.40 kg/ltr.
REC. FILM THICKNESS	:	Wet : 75 microns per coat (approx. 3 mils) Dry : 35 microns per coat (approx. 1.4 mils)
THEO. COVERAGE	:	13 m ² /ltr. <i>Practical coverage primarily depends upon nature of surface profile, method of application and site conditions.</i>
FLASH POINT	:	Above 35 °C (95 °F)

DRYING TIME:

SUBSTRATE TEMPERATURE	TOUCH DRY	HARD DRY	OVERCOATING INTERVALS	
			MINIMUM	MAXIMUM
10 °C (50 °F)	4 hrs.	24 hrs.	20 hrs.	IND.
25 °C (77 °F)	3 hrs.	18 hrs.	16 hrs.	IND.
40°C (104 °F)	2 hrs.	14 hrs.	14 hrs.	IND.

STANDARDS & APPROVALS:

Supportive information is available upon request to establish an assessment to be acquired as with regards to product's compliance with/to a particular authority's queries /specifications.

Please consult with GTC Technical Service Dept.

GTC Paints Company Ltd. W.L.L.

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SURFACE PREPARATION:

1. Degrease the metal surface in accordance with **SSPC-SP1 Solvent Cleaning** to remove grease, oil, dirt, soil, ... etc. (Use **GTC002 Thinner**).
2. Performance of this product will depend on the degree of surface preparation; therefore, best results will be achieved when applied to metal surfaces abrasive blasted to **SSPC - SP10 Standard (SA2½ Swedish Standard)**.
3. When hand wire brushing and/or mechanical power tool cleaning is adopted ensure superficial rust is totally removed; yet avoid polishing the surface (preparing the surface in accordance with **SSPC-SP2** and/or **SSPC-SP3** is normally adequate).
4. Surfaces to be coated must be dry, clean and contamination/rust free prior to paint application process.

APPLICATION DETAILS:

PURPOSE OF USAGE:

Intended for a **single coat application** over well prepared metal surfaces.

MIXING AND THINNING:

Material must be properly mixed and if necessary thinned with **GTC002 Thinner** as per below table:-

APPLICATION METHOD	BRUSH/ROLLER	CONV. SPRAY	AIRLESS SPRAY
Thinning by volume (% Max.)	10-15%	15-20%	5%

CLEANING : For cleaning tools and equipments use **GTC002 Thinner**.

APPLICATION CONDITIONS :-

At a temperature ranging **5°C (41°F) to 40°C (104 °F)** . Relative humidity is below **75%**.

STORAGE & HANDLING :-

Product must be stored as per local regulations and should be kept in dry well ventilated location far from heat and direct sunlight. Packing should be tightly closed after use. Mix well before use. Storage temperature range between **5°C (41°F) to 40°C (104 °F)**.

SAFETY PRECAUTIONS:

The following notes should be considered when using/applying painting material:-

- (a) Take precautions to prevent material entering the eyes (goggles should be worn, irrigate the eyes with water when become contaminated and obtain medical care at once).
- (b) Take precautions to avoid skin contact (gloves should be worn, barrier cream should be used).
- (c) Ensure that repeated contact of product with skin is avoided.
- (d) Provide adequate ventilation. (Face masks must be worn).
- (e) Keep away from sparks and open flames (for solvent-based materials).

DISCLAIMER:

- ♦ The information given in this data sheet is for guidance only and is done to the best of our knowledge at the date of printing/issuing.
- ♦ GTC reserves the right to change the content of this data without any prior notice.
- ♦ Since we have no control over either the nature or condition of the substrate or different factors which affect the use and application of our products; therefore, no liability can be accepted on basis of this data sheet, unless we specifically agree in writing from us as to the suitability of the recommended product for the intended purpose; and furthermore, application of this product should be carried out under our control and direct supervision.
- ♦ Product data are subject to change without notice and become void five years from the date of issue.
- ♦ If we stop producing above material, the Technical Data Sheet is invalid.

PACKING

- : Gallon
- : 18 Ltr. Drum

ISSUANCE DATE

: March 2023.

ORIGIN

: Manufacture in Kuwait by GTC Paints Company Ltd.

ADDRESS

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