

GTC Paints Company Ltd.

P.O. Box: 24445 Safat - 13105 - Kuwait
Sabhan Tel.: 24710120 - Fax : 24761261
Shuwaikh Tel.: 24848285 - Fax : 24837138
Capital : K.D. 1,000,000 - C.R.: 20117



شركة أصباغ جي تي سي المحدودة

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* * GETOXY (GEP2000 / GEC055) * *

* * EPOXY PRIMER GREY * *

PRODUCT DESCRIPTION:

A general purpose heavy duty two-pack **Epoxy Primer** containing **Zinc Phosphate** anti-corrosive pigment intended for application over steel structure to suit painting requirements in New Construction and/or Maintenance & Repair Projects.

SPECIAL FEATURES:

- ☐ A tough and smooth hard wearing film.
- ☐ Resistant to corrosion in aggressive environments.
- ☐ Remarkable adhesion to metal surface.
- ☐ Resistant to spillages of fumes and chemicals.
- ☐ Resistant to transportation and handling damage.

AREA OF USES:

As a priming coat with anticorrosive properties over Internal/External steel structure and suitably primed non-ferrous metals. i.e.,

- ☐ Pipeline and tank externals
- ☐ Steel beams
- ☐ Petrochemical and refinery steel structure
- ☐ Metal structure in humid conditions
- ☐ Plants and projects adjacent to sea environments

PRODUCT DATA:

FINISH	:	MATT												
COLOUR	:	Grey												
VOLUME SOLIDS	:	45 %												
PRODUCT WEIGHT	:	1.45 kg/ltr.												
REC. FILM THICKNESS	:	Wet : 110 microns per coat (approx. 4.3 mils)												
	:	Dry : 50 microns per coat (approx. 2 mils)												
THEO. COVERAGE	:	9 m ² /ltr.												
		Practical coverage primarily depends upon nature of surface profile, method of application and site conditions.												
MIXING RATIO	:	Base : Curing Agent												
	:	4 : 1 (by volume)												
POT LIFE	:	<table><tr><th>Ambient Temperature</th><td>10 °C</td><td>25 °C</td><td>40 °C</td></tr><tr><td></td><td>50 °F</td><td>77 °F</td><td>104 °F</td></tr><tr><th>No. of Hours</th><td>12 hrs.</td><td>8 hrs.</td><td>4 hrs.</td></tr></table>	Ambient Temperature	10 °C	25 °C	40 °C		50 °F	77 °F	104 °F	No. of Hours	12 hrs.	8 hrs.	4 hrs.
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	50 °F	77 °F	104 °F											
No. of Hours	12 hrs.	8 hrs.	4 hrs.											
FLASH POINT	:	Base : 23 °C (73 °F)												
	:	Curing Agent : 23 °C (73 °F)												
	:	Mixed : 23 °C (73 °F)												

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DRYING TIME:

SUBSTRATE TEMPERATURE	TOUCH DRY	HARD DRY	FULL CURE TIME	OVERCOATING INTERVALS	
				MINIMUM	MAXIMUM
10 °C (50 °F)	5 hrs.	36 hrs.	10 days	30 hrs.	IND.
25 °C (77 °F)	3 hrs.	24 hrs.	1 week	18 hrs.	IND.
40 °C (104 °F)	2 hrs.	18 hrs.	5 days	14 hrs.	IND.

SURFACE PREPARATION:

1. Degrease areas where grease, oil, soil and surface contamination exist in accordance with **SSPC-SP1 Solvent Cleaning**. (Use **GTC002 Thinner**).
2. Structural steel should be blast cleaned to **SSPC-SP10 Standard (SA2½ Swedish Standard)**.
3. Surface defects revealed upon completion of blasting procedure should be treated as per individual situation (filling, grinding, replacement, patching . . . etc.).
4. If oxidation is experienced after blasting, it is recommended to re-blast to the mentioned standard.
5. Areas restricted to abrasive blast cleaning are recommended to be hand wire brushed / mechanical power tool cleaned in accordance with **SSPC-SP2** and/or **SSPC-SP3 Standards** to remove superficial and looseley adhering rust / corrosion products.
6. Surfaces to be coated must be dry, clean and contamination free prior to paint and application process.

APPLICATION DETAILS:

☐ PURPOSE OF USAGE:

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

☐ MIXING & THINNING:

Material must be properly mixed and is recommended for thinning with **GTC099 Thinner** as per below table:-

Application Method	Brush/ Roller	Conv. Spray	Airless Spray
Thinning by Vol (% Max.)	10 %	20%	5 %

☐ NOTES:

- ☐ For maximum performance, curing temperatures should be above 10 °C (50 °F) since material will not adequately cure below 5 °C (41 °F).
- ☐ Two pack epoxies are commonly known to chalk upon external exposure.
- ☐ It is not recommended to apply two pack epoxy material over 50 °C (122 °F)

☐ CLEANING:

For cleaning tools and equipments use **GTC099 Thinner**.

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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. Can 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:-

- 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).
- Take precautions to avoid skin contact (gloves should be worn, barrier cream should be used).
- Ensure that repeated contact of paint with skin is avoided.
- Provide adequate ventilation. (Face masks must be worn).
- 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 effect 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 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.

PACKING

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White :-

☐ 3.6 Ltr Tins (Base + Curing Agent)

☐ 18 Ltr Tins (Base + Curing Agent)

ISSUANCE DATE

:

August 2017 .

ORIGIN

:

Manufacture in Kuwait By GTC Paints Company Ltd.

ADDRESS

:

GTC PAINT COMPANY LTD.

P.O.Box 24445 Safat, 13105 Safat, Kuwait

Tel : 24710120/24710170 - Fax : 24761261 .

Email : sales @ gtcpaints. com.