

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 (GEH006, GEH007 / GEH001) ***** ***** MICACIOUS IRON OXIDE EPOXY *****

PRODUCT DESCRIPTION:

A two-pack *High Build and High Performance Polyamide-cured & Intermediate Epoxy Coating* containing *Micacious Iron Oxide Pigments* designed to provide additional tolerance/protection and a long life service to assigned structural steel in the Industrial Field.

SPECIAL FEATURES:

- ☐ Very tough and abrasion resistant / durable coat.
- ☐ High build in a single coat application.
- ☐ Provides a distinctive rough finish, offering a proper key for subsequent Heavy Duty Epoxy / Polyurethane Finish Coats.
- ☐ Excellent resistance to transit and handling/mechanical damage.
- ☐ Contains a reliable and distinguished Micacious Iron Oxide anti-corrosive pigments.

AREA OF USES:

As a single Intermediate coat to be applied Internally / Externally over structural steel in aggressive weathering conditions i.e.,

- ☐ Transmission Towers
- ☐ Refineries and Power Plants
- ☐ Pipe Lines & Manhole Covers
- ☐ Machinery & Equipments
- ☐ Objects exposed to natural sand blasting of severe weathering conditions

PRODUCT DATA:

FINISH	:	MATT / METALLIC											
COLOUR	:	Silver Grey (GEH006) / Natural Grey (GEH007)											
VOLUME SOLIDS	:	58 %											
PRODUCT WEIGHT	:	1.45 kg/ltr.											
		Wet : 172 microns per coat (approx. 6.7 mils)											
REC. FILM THICKNESS	:	Dry : 100 microns per coat (approx. 4.0 mils)											
THEO. COVERAGE	:	5.8 m ² /ltr.											
		Practical coverage primarily depends upon nature of surface profile, method of application and site conditions.											
MIXING RATIO	:	Base : Curing Agent											
		6 : 1 (by volume)											
		<table><tr><td rowspan="2">Ambient Temperature</td><td>10 °C</td><td>25 °C</td><td>40 °C</td></tr><tr><td>50 °F</td><td>77 °F</td><td>104 °F</td></tr><tr><td>No. of Hours</td><td>8 hrs.</td><td>5 hrs.</td><td>3 hrs.</td></tr></table>	Ambient Temperature	10 °C	25 °C	40 °C	50 °F	77 °F	104 °F	No. of Hours	8 hrs.	5 hrs.	3 hrs.
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	50 °F	77 °F	104 °F										
No. of Hours	8 hrs.	5 hrs.	3 hrs.										
POT LIFE	:												
		Base : 23 °C (73 °F)											
FLASH POINT	:	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)	4 hrs.	24 hrs.	2 weeks	48 hrs.	IND.
25 °C (77 °F)	2 hrs.	16 hrs.	10 Days	24 hrs.	IND.
40 °C (104 °F)	30 min.	6 hrs.	One week	16 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.*

SURFACE PREPARATION:

1. Degrease areas where grease, oil, soil and surface contamination exist in accordance with **SSPC-SP1 Solvent Cleaning**. (Use **GTC002 Thinner**).
2. Ensure priming coat is dry, clean and free from dust, grease and other surface contamination.
3. Areas where corrosion and rusting are experienced should be prepared in accordance with Specification Requirements of **selected range of anti-corrosive priming coats**.

APPLICATION DETAILS:

☐ PURPOSE OF USAGE:

Intended for a single Intermediate coat application over well prepared and suitably primed steel surfaces; (Can also be used as a priming coat over abrasive blasted steel surfaces in accordance with SSPC-SP10 Standard (SA2½ or SA3 Swedish Standard).

☐ 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 %	15%	5 %

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☐ 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)
- ◆ For overcoating with conventional paints overcoat after 16-24 hours.
- ◆ For application over other two-pack Heavy Duty Primers selection can be made from **GTC Getoxy Range of Primers**.
- ◆ Generally, **Getoxy MIO** (Silver Grey Version) is recommended when Heavy Duty Top Coats in light colours are to be selected; whereas (Natural Grey Version) is recommended upon top coating with dark colours.

☐ CLEANING:

For cleaning tools and equipments use **GTC099 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. 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:-

- (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 paint 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 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.

☐ 3.6 Ltr Tins (Base + Curing Agent)
PACKING : ☐ 18 Ltr Tins (Base + Curing Agent)
ISSUANCE DATE : August 2017
ORIGIN : Manufacture in Kuwait by GTC Paints Company Ltd.
ADDRESS : **GTC PAINTS COMPANY LTD.**
P.O.Box 24445 Safat, 13105 Safat, Kuwait
Tel : 24710120/24710170 - Fax : 24761261 .
Email : sales @ gtcpaints.com