

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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GETAGROUND (GTC 700/GTC 701)

PRODUCT DESCRIPTION:-

A High Build, High Performance two-pack Amine-act Cured Epoxy protective coating particularly formulated to serve long term protection Applications and linings against corrosive cargos / products.

SPECIAL FEATURES:

- ☐ Excellent adhesion characteristics.
- ☐ High build, providing additional protection to coated substrates.
- ☐ Resistant to a wide range of chemicals.
- ☐ Highly resistant to severely, corrosive environments.
- ☐ Easy to clean with excellent abrasion resistance.
- ☐ Excellent resistance against total partial and intermittent immersion in salt and fresh water.

AREA OF USES:

As a protective and finish coat over Internal Steel and concrete surfaces subjected to corrosive environments i.e.

- ☐ Interior lining of sewage pipes
- ☐ Internal Storage Tanks
- ☐ Aviation Fuel Tank Internals
- ☐ Solvent Tank Internals
- ☐ Exposed and underground manholes

PRODUCT DATA:

FINISH	:	MATT
COLOUR	:	GTC 700 (Dark Grey)
VOLUME SOLIDS	:	53%
PRODUCT WEIGHT	:	1.55 kg/ltr.
REC.FILM THICKNESS	:	Wet : 235 microns per coat (approx. 9.25 mils) Dry : 125 microns per coat (approx 4.9 mils)
THEO.COVERAGE	:	4.24 m ² /ltr. <i>Practical coverage primarily depends upon nature of surface profile, method of application and site conditions.</i>
MIXING RATIO	:	Base : Curing Agent 5.7 : 1 (by volume)

POT LIFE	:	Ambient Temperature	10 °C	25 °C	40 °C
			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)	10 hrs.	20 hrs.	2 weeks	48 hrs.	5 weeks
25° C (77° F)	4 hrs.	8 hrs.	1 week	24 hrs.	4 weeks
40° C (104° F)	45 min.	4 hrs.	1 week	16 hrs.	3 weeks

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 Department.*

SURFACE PREPARATION:

Concrete Substrates:

1. Degrease areas where grease, oil and other surface contamination exist in accordance with SSPC-SPI Solvent Cleaning. (Use GTC002 Thinner).
2. Hand wire brush/mechanical power tool clean areas where laitance, powdery and foreign materials exist in accordance with SSPC-SP2 and/or SSPC-SP3 Standards.
3. In situations where tank internals are hydrotested using salt or brackish water, it is required to implement Fresh Water Jetting for washing the Entire Internal Area to remove soluble salts, dirt, .. etc.
4. If necessary sand sweep blast to create a profile for subsequent top coats.
5. Surfaces to be coated must be dry, clean and contamination free prior to paint application process.

Steel & Metal Substrates:

1. Degrease the metal surface in accordance with SSPC-SPI Solvent Cleaning to remove grease, oil, soil and other surface contamination. (Use GTC002 Thinner).
2. In situations where tank internals are hydrotested using salt or brackish water, it is required to implement Fresh Water Jetting for washing the Entire Internal Area to remove soluble salts, dirt,...etc.
3. Abrasive blast clean in accordance with SSPC-SP10 Standard (SA2 1/2 Swedish Standard) to remove millscale, rust scale and old paint coatings where exist.
4. Surfaces to be coated must be dry, clean and contamination free prior to paint application process.

APPLICATION DETAILS:

☐ PURPOSE OF USAGE:

Material is intended for two coat applications over well prepared and suitably primed metal and concrete surfaces. *Please consult with GTC Technical Service Dept.*

☐ 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%	*	5%

**Conventional Spray Application is not recommended.*

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□ NOTES :

- **GTC Getoxy High Build Epoxy Protective Coating** can be directly applied over freshly blasted steel surfaces and/or over suitably recommended **Getoxy Range of Primers**; yet ensure blasted surface is free from oxidation and that priming coat is dry, clean and contamination free prior to paint application process.
When applied over concrete surfaces it is recommended to use **Getoxy High Build Epoxy Protective Coating** as a priming coat; yet should be thinned down **20-30%** by volume with **GTC099 Thinner**.
- It is preferable to apply **first coat** with **brush** as this method helps achieving maximum penetration and adhesion into the substrate (over concrete surfaces).
- Brush and roller applications are intended for confined areas; yet multi coats will be required to achieve recommended D.F.T.
- To achieve recommended D.F.T., Airless spray equipment should be adjusted to the following:
Tip Range : 20-26 thous.
Output Range : 2500 – 3000 p.s.i.
- For better colour retention to exposed sunlight substrates, Getathane GPF over coating is recommended.
- 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.

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.

PACKING : □ 3.6 Ltr. Tins(Base-3.060 ltrs.; Curing Agent-0.540 ltrs.)
□ 18 Ltr. Drums (Base-15.300 ltrs; Curing Agent-2.700 ltrs.)

ISSUANCE DATE : August 2017 .

ORIGIN : Manufacture in Kuwait By GTC Paints Company Ltd.

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