

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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EPOXY FLOOR COATING

*** Solvent Free Epoxy Product ***

PRODUCT DESCRIPTION:

Epoxy Floor Coating is a high build two component solvent free Cyclo Aliphatic Amine cured epoxy coating, which provides seamless smooth hard wearing durable coating with excellent chemical and abrasion resistance.

SPECIAL FEATURES:

- ☐ Durable with excellent abrasion resistance.
- ☐ Resistant to aromatic and hydro-carbon solvent, fuels, industrial detergents and a wide range of industrial chemicals.
- ☐ Solvent free odorless during application.
- ☐ Dust proof, easy to clean due to its seamless smooth finish.
- ☐ Slip resistant when spreading silica sand on top of it while yet to achieve the required texture.
- ☐ Excellent adhesion to primed metal, concrete and sand cement plaster surfaces.

AREAS OF USE:

Epoxy floor coating is suitable for most industrial plants, warehouses, parking areas and wet flooring areas such as kitchens, bathrooms, and swimming pool paths.

PRODUCT DATA:

FINISH	:	Glossy
COLOUR	:	Wide range of colours
VOLUME SOLIDS	:	100 %
PRODUCT WEIGHT	:	1.7 kg./ltr.
DRY FILM THICKNESS	:	For floors: 250 microns per coat (approx. 10 mils).
THEO. COVERAGE	:	For floors: 4 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
	11 :	4 (by volume)
	Note :	Use for mixing a heavy duty slow speed drill fitted with proper size paddle for :
		<input type="checkbox"/> Minimum: 3 minutes
		<input type="checkbox"/> Maximum: 5 minutes

POT LIFE :

Ambient Temperature	25 °C	40 °C
	77 °F	104 °F
No. of Hours	40 min.	20 min.

FLASH POINT : Not Applicable (Solvent free).

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DRYING TIME :-

Substrate Temperature	Initial Cure Time	Light Traffic	Fully Cure Time	Over-coating Intervals	
				Minimum	Maximum
25 °C (77 °F)	24 hrs.	48 hrs.	7 days	12 hrs.	36 hrs.
40 °C (104 °F)	19 hrs.	24 hrs.	5 days	5 hrs.	24 hrs.

SURFACE PREPARATION :-

1. degrease areas where grease, oil and other surface contamination exist in accordance with SSPC-SP1 Solvent Cleaning. (Use GTC002 Thinner).
2. Wire Brush/Mechanical Power Tool Clean areas where laitance, surface porosity and loosely adhering foreign material exist in accordance with SSPC-SP2 and/or SSPC-SP3 Standards.
3. Steel should be abrasive blast cleaned in accordance with SSPC-SP10 Standard (SA1/2 Swedish Standard) and suitably primed as per individual situation depending upon type of substrate. Please consult with GTC Technical Service Dept.
4. Surfaces to be coated must be dry, clean and contamination free prior to paint application process.
5. Concrete damaged areas should be treated and leveled with GTC Epoxy Putty and/or GTC Epoxy Mortar Getamoor.

APPLICATION DETAILS

☐ Purpose Of Usage:

1. Intended for two coat applications over well prepared and suitably primed concrete and a variety of other surfaces.
2. Priming
Priming needed only in a necessary cases, where concrete shows not sound and high porous bad quality, use GTC Getoxy GES Clear Epoxy Sealer to prime the required areas.
3. Anti slip application
If a slip resistant texture is required, the first coat shall be applied minimum 250 microns DFT and directly blinded with the recommended GTC silica Anti slip Grain to achieve the required texture finish. Excess aggregate should be brushed out before applying the top final coat.

☐ Notes:

1. Concrete floors should be minimum 28 days old.
2. For maximum performance, curing temperatures should be above 10 °C (50 °F) since material will not adequately cure below 5 °C (41 °F).
3. Two pack epoxies are commonly known to chalk upon external exposure.
4. 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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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.*

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

: White :-

☐ 3 Ltr Tins (Base + Curing Agent)

☐ 15 Ltr Tins (Base + Curing Agent)

Colours :-

☐ Volume will vary according to colour.

ISSUANCE DATE

: August 2017 .

ORIGIN

: Manufacture in Kuwait By GTC Paints Company Ltd.

ADDRESS

: **GTC PAINT COMPANY LTD.**

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