

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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* * GETATHANE (GPM Series / PCM) * *

* * SEMI-GLOSS * *

PRODUCT DESCRIPTION:

A specially developed two-pack & Heavy Duty Recoatable Polyurethane Coating based on Polyol/Polyisocyanate Resin designed to meet requirements of distinctively characterized cosmetic appearance, yet associated with an alternative selection of a Semi-Gloss Finish Version.

SPECIAL FEATURES:

- ▯ A tough and abrasion resistant coat.
- ▯ Excellent adhesion to a very wide range of substrates / surfaces.
- ▯ Outstanding colour retention properties.
- ▯ Excellent durability and weathering resistance.
- ▯ Provides an appealing, cosmetic and non-yellowing finish.
- ▯ Easily recoatable after extended periods of time. (No overcoating restrictions).

AREA OF USES:

As an Interior/Exterior decorative and protective coat offering an extremely hard/flexible film over concrete, steel, aluminium, tinned copper, galvanized steel, zinc coated steel, stone, bricks, asbestos, wood, marble, gypsum boards, fiberglass, PVC & UPVC Pipes ... etc, i.e.

- ▯ Petrochemical Plants.
- ▯ Furniture (Metal & wooden).
- ▯ External concrete and masonry
- ▯ Offshore platforms and marine installations.
- ▯ Aluminium Window Frames and A/C ventilation covers.
- ▯ Well prepared steel structure subjected to proper priming and/or undercoating.
- ▯ Particularly suited as a protective coat over textured systems, i.e., Rolltex, Trowtex and Spatter Finish Paints where minimum yellowing and dirt retention is anticipated.

PRODUCT DATA:

FINISH	:	SEMI-GLOSS												
COLOUR	:	White, Black and selected colour range Special colours are available upon request												
VOLUME SOLIDS	:	47%												
PRODUCT WEIGHT	:	1.44 kg/ltr.												
REC. FILM THICKNESS	:	Wet : 110 microns per coat (approx. 4.3 mils/coat) Dry : 50 microns per coat												
THEO. COVERAGE	:	9.41 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 8 : 1 (by volume)												
POT LIFE	:	<table><tr><th>Ambient Temperature</th><td>10 °C</td><td>25 °C</td><td>45 °C</td></tr><tr><td></td><td>50 °F</td><td>77 °F</td><td>113 °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	45 °C		50 °F	77 °F	113 °F	No. of Hours	12 hrs.	8 hrs.	4 hrs.
Ambient Temperature	10 °C	25 °C	45 °C											
	50 °F	77 °F	113 °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)	4 hrs.	30 hrs.	two weeks	24 hrs.	IND.
25 °C (77 °F)	3 hrs.	20 hrs.	one week	18 hrs.	IND.
40 °C (104 °F)	2 hrs.	16 hrs.	5 days	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. Surface to be coated/overcoated must be dry, clean and free from contamination.
2. Degrease metal surfaces in accordance with **SSPC-SP1 Solvent Cleaning**. (Use **GTC002 Thinner**).
3. Porous surfaces i.e., *concrete, masonry ... etc* should be sound and free from laitance, powdery and foreign material. (Wire brushing and/or power tool cleaning is normally adequate in accordance with **SSPC-SP2** and/or **SSPC-SP3 Standards**).
4. Non-ferrous surfaces i.e., *Aluminium, copper, nickle ... etc* should be degreased and free from contamination. No pre-treatment is required.

APPLICATION DETAILS:

☐ MIXING & THINNING:

Individual components should be separately mixed and then added together **according to stated mixing ratio** where mixing should be properly done. Thinning with **GTC 077 Getathane Thinner** should be carried out after mixing base with Curing Agent as per below table:-

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

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☐ **PURPOSE OF USAGE:**

To be applied in two or three coat system over suitably primed and undercoated surfaces as detailed below:-

NO.	SUBSTRATE TYPE	RECOMMENDED PRIMER	RECOMMENDED INTERMEDIATE COAT	RECOMMENDED NO. OF GETATHANE RECOATABLE SEMI-GLOSS FINISH
1	Steel & Ferrous Metals	Getoxy Selected Range of Primers	Getoxy GEM Mastic or GEH MIO Series	Two Coats or as required
2	Galvanized Steel	Getoxy Zinc Chromate Epoxy Primer	Getoxy GEM Mastic or GEH MIO Series	Two Coats or as required
3	Non-Ferrous Metals	Not required	Not Required	Two Coats or as required
4	Concrete & Masonry	Getoxy Clear Sealer or Getathane Clear Coating	Getathane Recoatable Flat Finish	One Coat or as required
5	GTC Textured Finishes	Not Required	Getathane Recoatable Flat Finish	One Coat or as required
6	Marble	Getathane Clear Coating	Not Required	One or Two Coats
7	Wooden Surfaces	Getathane Clear Coating or Getoxy Clear Sealer	Not Required	One Or Two Coats

NOTE: Other substrates, Please consult with GTC Technical Service Dept.

☐ **CLEANING:** For cleaning tools and equipments use **GTC 077 Getathane 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:-

- 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 :-

☐ 3.6 Ltr Tins (Base + Curing Agent)

☐ 18 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 PAINTS COMPANY LTD.

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