

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 (GPF Series / PCA) GLOSS * *

PRODUCT DESCRIPTION:

A high performance two-pack Acrylic Polyurethane Intermediate/Finish Coat based on Polyol / Polyisocyanate Resin, particularly designed to suit enormous application requirements of a Heavy Duty Coating over a wide range of substrates.

SPECIAL FEATURES:

- Excellent durability and weathering resistance.
- Excellent gloss and colour retention.
- High resistance to chemicals and severe industrial environments.
- Highly resistant to yellowing.
- Easily recoatable where no long-term overcoating restrictions are anticipated.
- Provides a pleasant decorative appeal.
- Low dirt & dust pick-up.

AREA OF USES:

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

- Petrochemical Plants.
- Offshore platforms and marine installations.
- External concrete and masonry
- Furniture (Metal & wooden).
- Aluminium Window Frames and A/C ventilation covers.
- Particularly suited as a protective coat over textured systems, i.e., Rolltex and Trowtex
- Paints where minimum yellowing and dirt retention is anticipated.
- Well prepared steel structure subjected to proper priming and/or undercoating.
- Since Getathane GPF have the properties of hard glazed non porous film and washable scrub-resistant films (resistant to disinfectants) make it very difficult to harbour Micro-organisms. however scrubbing with disinfectants and chemicals is the most important requirement as no paint film is adequate without being thoroughly disinfected frequently. The coating only helps and is not functional. And it could be used for operating hospital theater.

PRODUCT DATA:

FINISH	:	HIGH GLOSS.												
COLOUR	:	White, Black and selected colour range SPECIAL COLOURS ARE AVAILABLE UPON REQUEST.												
VOLUME SOLIDS	:	58%												
PRODUCT WEIGHT	:	1.37 kg/ltr.												
REC. FILM THICKNESS	:	Wet : 86 microns per coat (approx. 3.4 mils/coat) Dry : 50 microns per coat (approx. 2 mils/coat)												
THEO. COVERAGE	:	11.6 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 6.5 : 1 (by volume)												
POT LIFE	:	<table border="1"><thead><tr><th>Ambient Temperature</th><th>10 °C</th><th>25 °C</th><th>40 °C</th></tr></thead><tbody><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>3 hrs.</td></tr></tbody></table>	Ambient Temperature	10 °C	25 °C	40 °C		50 °F	77 °F	104 °F	No. of Hours	12 hrs.	8 hrs.	3 hrs.
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	50 °F	77 °F	104 °F											
No. of Hours	12 hrs.	8 hrs.	3 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.	2 weeks	24 hrs.	IND.
25 °C (77 °F)	4 hrs.	24 hrs.	1 week	18 hrs.	IND.
40 °C (104 °F)	3 hrs.	18 hrs.	5 days	16 hrs.	IND.

STANDARDS & APPROVALS:

- A Government approved paint regularly tested by M.P.W.-GOVERNMENT LABORATORIES AND KUWAIT STANDARD SPECIFICATION K.S.S.16/1994 PHYSICAL PROPERTIES for use as an Exterior Coating resistant to weathering conditions.
- An approved paint tested by MINISTRY OF COMMERCE & INDUSTRY-QUALITY CONTROL CENTER for use as a **Chemical Resistant Paint** (Low concentrated acid and alkali plus sea water) and as an approved **weathering and impact** resistant paint.

SURFACE PREPARATION:

1. Surfaces 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 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.)	20 %	30%	5 %

□ 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 GLOSS FINISH
1	Steel & Ferrous Metals	<i>Getoxy Selected Range of Primers</i>	<i>Getoxy GEM Mastic or GEH MIO Series</i>	Two Coats or as required
2	Galvanized Steel	<i>Getoxy Zinc Chromate Epoxy Primer</i>	<i>Getoxy GEM Mastic or GEH MIO Series</i>	Two Coats or as required
3	Non-Ferrous Metals	Not required	Not Required	Two Coats or as required
4	Concrete & Masonry	<i>Getoxy Clear Sealer or Getathane Clear Coating</i>	<i>Getathane Recoatable Polyurethane</i>	One Coat or as required
5	GTC Textured Finishes	Not Required	<i>Getathane Recoatable Polyurethane</i>	One Coat or as required
6	Marble	<i>Getathane Clear Coating</i>	Not Required	One or Two Coats
7	Wooden Surfaces	<i>Getathane Clear Coating or Getoxy Clear Sealer</i>	Not Required	One Or Two Coats

NOTE: *Other substrates, Please consult with GTC Technical Service Dep't.*

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- **CLEANING:** For cleaning tools and equipments use *GTC 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 PAINT COMPANY LTD.

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Tel : 24710120/24710170 - Fax : 24761261 .

Email : sales @ gtcpaints. com.