

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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** GTC ELASTOMERIC COATING **

PRODUCT DESCRIPTION:

A high quality exterior paint based on high performance acrylic binder with UV cross linking component, formulated with Thyrotrophic characteristics to enable achieving flexible, water proof decorative and protective finish (**Anti Carbonation properties**).

SPECIAL FEATURES :

- ◆ Give a durable exterior coating with low dirt pick -up.
- ◆ Good protection against UV in the atmosphere.
- ◆ High weather resistance with **Anti Carbonation properties** to protect concrete structures.
- ◆ Good flexibility coating offers crack-bridging ability.
- ◆ Resistant to wet scrubbing and suitable for painting Alkaline surfaces.
- ◆ Thixotropic providing a high build finish.
- ◆ Suited as a protective coat over GTC Textured systems.

AREA OF USE:

As an Exterior / Interior decorative and protective over new as well as old building substrates concrete, walls, masonry bricks ...i.e.,

- ◆ Bridges and flyovers
- ◆ Electricity substations.
- ◆ Water towers.
- ◆ Concrete Silos & chimneys
- ◆ Concrete and plastered surfaces.
- ◆ Areas exposed to humid conditions i.e. bathrooms/kitchens..... etc.

PRODUCT DATA:

FINISH	:	Silk Finish (Fine Textured)
COLOUR	:	According to GTC COLOUR CARD INCLUDING WHITE . Special colours are available upon request.
VOLUME SOLIDS	:	45% .
PRODUCT WEIGHT	:	1.3 Kg/Ltr.
REC. FILM THICKNESS	:	<u>Textured Finish</u> Wet : 444 microns per coat (approx. 17.6 mils) DRY : 200 microns per coat (approx. 7.9 mills)
THEO. COVERAGE	:	Textured (2.25 m ² /ltr). Practical coverage primarily depends upon nature/degree of surface porosity, method of application and site conditions.
FLASH POINT	:	Non-flammable (water-borne product)

DRYING TIME:

SUBSTRATE TEMPERATURE	TOUCH DRY	HARD DRY	OVERCOATING INTERVALS	
			MINIMUM	MAXIMUM
10 °C (50 °F)	4 hrs.	16 hrs.	14 hrs.	IND.
25 °C (77 °F)	2 hrs	12 hrs.	10 hrs.	IND.
40 °C (104 °F)	1 hour	10 hour	8 hrs.	IND.

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SURFACE PREPARATION:

NEW SURFACES :

1. Degrease areas where grease, oil, soil 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. Surfaces to be coated must be dry, clean and contamination free prior to paint application process.

OLD/PREVIOUSLY PAINTED SURFACES :

1. Degrease areas where grease, oil and other surface contamination exist in accordance with **SSPC-SP1 Solvent Cleaning** . (Use **GTC002 Thinner**).
2. Remove all blistered, cracked and brittle paint coats off the surface.
3. Detached coats with inadequate adhesion must be properly scraped-off to a firm edge.
4. Glossy paint coatings must be sanded/roughened to ensure proper intercoat adhesion characteristics with successive paint coatings.
5. Surfaces to be coated must be dry, clean and contamination free prior to paint application process.

APPLICATION DETAILS:

REQUIRED FINISH	No. of Coats Recommended	Thinning %	Method of Application
TEXTURED	1-2 Coats	MAX	Perforated Brush Roller/ Hopper Gun
AS A PROTECTIVE COAT OVER ROLLTEX & TROWTEX AND TEXTURED COATINGS	Two Coats	25-30%	Brush, Roller, Airless Spray

♦ Recommended Primer/Sealer

GTC Elastomeric Primer

- ♦ NOTE : Excessive thinning will cause **ELASTOMERIC** to loose its **thixotropic nature**.

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).

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STANDARDS & APPROVALS:

Tested as follows :-

- 1) AL-Futtaim Exova laboratory, dubai for adhesive strength, crack bridging capacity, tensile strength & elongation, repaid chloride permeability, determination of water vapour transimtion rate, determination of carbon dioxide gas diffusion.
- 2) Ministry of public works government center of testing are research. average tensile strength, average elongation, tensile tear strength, water absorption percentage, water absorption percentage, impact resistance, salt spray resistance, resistance to weathering, water vapour transimtion.

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 : ♦ Gallon
 : ♦ 18 Ltr. Drum
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
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