

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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** PENETROL SEALER **

PRODUCT DESCRIPTION:-

Penetrol belongs to a new generation of Acrylic Primer/Surface conditioners. It is based on a new Acrylic technology offering excellent penetration, wetting and consolidation of chalky, friable weak substrates of various types. These properties apply to low porosity difficult substrates also. The use of Penetrol results in strengthening the substrate hence providing a paint system with excellent adhesion on a well conditioned surface.

SPECIAL FEATURES:-

- ◆ Solvent free and non toxic.
- ◆ Offers excellent penetration/adhesion/consolidation and binding power even on chalky substrate.
- ◆ Used on porous and low porosity substrates.
- ◆ Stops efflorescence and salt migration.
- ◆ Alkali resistant.

AREA OF USE :-

As a primer/sealer over Exterior/Interior priming coat over new and old building substrates i.e.,

- ◆ GYPSUM AND GYPSUM BOARD
- ◆ FAIRFACE CONCRETE
- ◆ GRC BLOCKS
- ◆ CONCRETE
- ◆ CEMENT PLASTERS/VARIOUS TYPES
- ◆ SCREED UNDERCOAT

PRODUCT DATA:

FINISH	:	EGGSHELL
COLOUR	:	Clear.
VOLUME SOLID	:	27 %
PRODUCT WEIGHT	:	1.03 kg/ltr.
REC. FILM THICKNESS	:	Wet : 75 microns per coat (approx 3 mils) Dry : 20 microns per coat (approx 0.8 mil)
THEO. COVERAGE	:	13.5 m ² /ltr. Practical coverage primarily depends on 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)	1 hour	4 hrs.	6 hrs.	IND.
25 °C (77 °F)	30 min.	3 hrs.	5 hrs.	IND.
40 °C (104 °F)	20 min.	2 hrs.	4 hrs.	IND.

SURFACE PREPARATION:

Surface must be clean and dust free. Laitance on concrete should be removed by appropriate means. Gypsum surface should be adequately cured.

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APPLICATION DETAILS:

- ♦ **USAGE OF PENETROL SEALER :**
Intended for a **single coat application** for **external** and internal surfaces.
- ♦ **MIXING AND THINNING:**
Mix 1 volume Penetrol with half volume fresh water maximum.
- ♦ **METHOD OF APPLICATION:**
Brush, Roller, or Spray (preferably by brush over porous substrates).
- ♦ **CLEANING:**
Clean tools with **fresh water only**.

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).**

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.*

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 : □ Gallon
 : □ 18 Ltr. Drum
ISSUANCE DATE : August 2017
ORIGIN : Manufacture in Kuwait by GTC Paints Company Ltd.
ADDRESS : **GTC PAINTS COMPANY LTD.**
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