



G. L. E Paints
دهانات جي إل. اي

Technical Product Specifications Quethane

PRODUCT DESCRIPTION

Environmentally friendly single-component water-based polyurethane coating, based on modified polyurethane resin .

PRODUCT CHARACTERISTICS

- Flexible waterproof insulation.
- Environmentally friendly, free of solvents, tar, bitumen or any hazardous substance.
- Low content of volatile organic matter.
- Sun resistant and UV .
- One-component - ready to use.
- High tensile strength and elongation.
- High ability to expand and resist cracks.
- Cooling properties for buildings and reflection of sunlight.

RECOMMENDED USE

- Exposed ceilings and balconies.
- Wet places, bathrooms, kitchens and underfloors.
- Bridge platforms.
- Internal and external uses.
- For concrete, wood, iron, gypsum board, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt with high-relief texture
Viscosity	130± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D5622014) 10-)
Density	1.40 ± 0.05 gm/cm3 (at °25C temperature and %50 humidity). according to (ASTM D13-1475)
Solids by Volume	54 ± 2%
Flash Point	Non inflammable

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	15 %
Tools	Roller, Brush, Sprayer

FILM THICKNESS AND SPREADING RATE

1.100- 1.300Kg/m² at 500μ DFT .



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CONDITIONS OF APPLICATION

- It is necessary to ensure that all surfaces are clean, dry, intact and free of oils, grease and candles .
- Disassembled surface concrete layers, enhement compounds, dismantling materials and removal of bricks and any disassembled objects must be removed.
- Modern concrete structures need at least 14 days to dry .

Application System

- Quethane does not need a foundation, it can be applied to porous and non-porous surfaces without the need for a foundation.
- **For surfaces with high porosity**
 - It is recommended to dilute Quethane in a ratio of 1:1 and apply it as a foundation material .
- **Concrete surfaces with a smooth surface**
 - Surface roughing is required before application, If roughing is not possible, should be used Primer G - 100.

GENERAL NOTES

- Quethane should be applied to inclined or vertical surfaces and should not be subjected to permanent immersion in water .
- It is forbidden to apply Quethane to surfaces exposed to rising moisture .
- Quethane is not intended for application on newly cast concrete or concrete surfaces .

STORAGE

- Quethane is valid for 12 months from the date of production if stored at a temperature between 5 and 35 °C.
- The product should be stored in a cool, well-ventilated place away from sunlight and direct heat.
- Containers must be tightly closed after use.

Instructions for use and safety

- Please read and follow the health and safety instructions on the package .
- The product must be handled with caution before and during application .
- Avoid contact of the paint with the eyes and skin or inhale its spray and vapors during application .
- It is advisable to use the product in well-ventilated places or use artificial ventilation when applying with a spray .
- Keep out of reach of children .

For the safety of the environment:

Please hand over the waste paint and surplus packaging to any local authorized authority for the purpose of use or recycling.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge.

It is based on laboratory tests and practical experience.

Golden line paints & putty company takes no responsibility for consequences of breaching the instructions.

The Company reserves the right to change data herein without notice. Version: 2024, Golden Line paints & putty company.

This version supersedes prior versions .



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