

PU CHEM CLEAR



We Create Better Future

High Quality Liquid Applied Waterproofing and Protective Coating Based on Hybrid Polyurethane.

Fields of Application:

- Waterproofing and flexible protective coat to protect roofs, plaster, brick roof, profile plaster, steel surface, over tile, wood surface any cementitious surface, poured-in place concrete and other masonry surfaces.

DESCRIPTION:

PU CHEM CLEAR is one component, high quality elastomeric clear coating system based on Polymeric Polyurethane compounds. It can be used as a waterproofing and flexible protective coat to protect roofs, balconies, terraces. For external and internal applications.

Note: All the raw material used in this product nonflammable, non-toxic.

ADVANTAGES:

- Clear Coating
- Easy Clean
- Excellent flexibility
- Stable under ultra violet rays
- Stable cementitious applications
- Single pack and easy to apply.
- Excellent weather resistance.
- High elasticity and excellent adhesion over virtually all sound cement-based substrates.
- Environmental friendly.
- Nontoxic and Nonflammable. Resistant against harsh environment.
- High resistance to chloride ion diffusion
Economical.

TECHNICAL DATA

Properties	Result
Standard color	Clear
Density	1.03 Kg. / Lt.
Solid content	Approx.32 %
Chemical resistance	Alkalis, Salt, Oil, Water
Elongation	250 %
Tensile strength	1.2 N/mm ²
UV Resistance	Excellent
Modulus of elasticity at 100% elongation (ASTM D412)	0.05 N/mm ²
Adhesion strength	1 N/mm ²
PH	8.7
Complete hardening at +25°C	7 days

APPLICATION DATA:

Surface Preparation:

All surfaces must be clean, dry, sound and free from contaminations such as loose and peeling paint, dirt, dust, grease, oil, wax.

Dull any glossy surfaces, repair damaged areas with appropriate patching material and allow to dry.

APPLICATION:

PU CHEM CLEAR is ready to use and can be applied by spray, brush or roller.

Before the following coat is applied make sure that the previous coat is completely dry (from 3-5 hours) according to the weather situations.

Apply **PU CHEM CLEAR** in two crossed coats at total thickness 600 Micron, the first coat thickness must not be less than 0.3 mm and second coat not less than 0.3 mm. Apply the second coat after dry the first coat.

Warning:

Do not apply the product if temperature less than +5c'. Protect **PU CHEM CLEAR** coating from rain.

Curing:

The coating must be protected from extreme weather conditions, intermittent rain for minimum 24 hours.

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Cleaning:

The tools must be cleaned immediately after finishing by water.

PACKAGING:

PU CHEM CLEAR is packed in 20 Ltr Can & 5 Ltr Can.

CONSUMPTION:

Approx. 10 m² for 100 Micron thickness depending on surface conditions.

STORAGE:

Store in dry covered place in the original closed bags.

SHELF LIFE:

12 months if stored as recommended.

HEALTH & SAFETY:

PU CHEM CLEAR Should be avoid direct contact with skin or eyes. It is recommended to use protective gloves and goggles during handling and application, should be consult a doctor immediately if necessary.

Important Note:

The information contained herein is to the best of our knowledge true and accurate and is given in good faith, based on practical experience and applied testing Site or application – specific conditions may vary from those described here and thus the correct and successful use of the product is beyond our sphere of influence. If in doubt, the user should therefore first carry out sufficient tests to ensure the product is suitable. Legal liability cannot be accepted, either solely based on the content of this information sheet or any verbal advice given.

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