

PenetCoat

Water-Based Penetrating Coating



100% water insulation..
High penetration ability...
Clear, colorless and odorless....

SUBERTA

 **inovasta**
Innovative systems solutions



GENERAL INFORMATION

A silicate based, transparent liquid insulation product by SUBERTA, an innovative alternative to waterproofing applications, rendering water impermeability to the applied surfaces without forming a film layer or membrane. Fully adheres to the applied surface and remains stable for many years without losing its features.

PURPOSE AND DESCRIPTION

- It is a waterproofing solution not a repellent.
- Has high penetration ability.
- Does not change the color nor texture of the surface applied.

PERFORMANCE

- Ensures 100% water insulation.
- The formula allows up to 10% heat savings.
- Clear, colorless and odorless, both protective and waterproofing finish for porous, unpainted, above or below grade concrete, concrete/ cement blocks, lime stone, bricks and masonry surfaces.
- Water base formula meets environmental codes.

KEY FEATURES

- Offers water insulation.
- Nonhazardous and environmentally friendly.
- Post application surfaces can be painted or apply plaster over it without issues.
- Does not tarnish and blister.
- Resistant to acid rain and environmental corrosion.
- Has high alkaline resistance.
- Does not prevent structures from breathing.
- The facade retains thermal insulation resistivity since it does not get wet.
- When used directly with cement to pour concrete will provide an integrated insulation and waterproofing feature. Making it a waterproofed ready product.
- Concrete cures faster.
- Improves concrete strength.

PHYSICAL PROPERTIES

- Liquid form.
- pH: 13.
- Unit weight 1.2 kg / liter
- Color: transparent.
- Water absorption ratio: 0%.



PACKAGING

Delivered as packed in 4 and 30 liter PP drums.



SURFACE PREPARATION

The surface to be applied should be dry and free of dirt, oil, dust and mud. Layers that will reduce surface absorptivity should be removed. There should not be any cracks larger than 0.4 mm on the surface to be applied, and if any, should be repaired prior to application.

After filing and fixing, PENETCOAT should be re-applied.



APPLICATION INFORMATION

The application should be made in two coats, at 15 minute intervals, by brush, roller or spraying, with the condition of being applied in the same directions. Should not be applied on wet surfaces, must ensure it is dry. Application should be made with standard occupational safety outfits, using eye protection goggles and industrial gloves.

— COVERAGE AREA

Depending on the absorptivity of the applied surface, approximately 300 ml PENETCOAT is used per m² on average.

Apply in one coat:

Dense Surfaces: 0.20 liter/m²

Coarse Surfaces: 0.40 liter/m²

Maximum usage up to 1 liter/m²



CURING & SHELF LIFE – STORAGE

Subject to weather conditions, the applied surface becomes available for use within 1.5-2 hours on average following application. Shelf Life is 24 months for unopened and 12 months for opened products.



CLEANING

Following any undesired application, cleaning is possible by washing with water thoroughly before it is dried, taking into consideration post application curing period.



IMPORTANT

The amount of Penetcoat used is dependent on the type of surface and its absorptivity. It is recommended that a test area designated prior to application. Surfaces with high absorptivity are recommended with 3-4 coatings.



SAFETY

Penetcoat does not have any known side effects. It is non-hazardous material.



GENERAL RECOMMENDATIONS

In case of skin contact, wash with soap and water. In case of eye contact, wash with plenty of water and consult a physician if necessary. To avoid any possible irritations please use standard protective wear.



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