



# UV PU1K WATERPROOFING 270

## PRODUCT DESCRIPTION

**UV PU WATERPROOFING 270** System permanently waterproofs and preserves concrete, brick, block and all masonry surfaces & structures in one easy application. **UV PU WATERPROOFING 270** System is manufactured using liquid polymers, creating a liquid nano waterproofing material. **UV PU WATERPROOFING 270** System is an excellent waterproofing product for all jobs because it cures, hardens, protects and waterproofs in one application. **UV PU WATERPROOFING 270** System is non-toxic, non-flammable and non-caustic. **UV PU WATERPROOFING 270** System doesn't need to be mixed; it's easy to use and has no solvents inside so no bad smells and everything can be washed clean water

## BENEFITS

- Easy and fast application
- Provides a seamless waterproofing membrane
- Highly resistant to abrasion, water and root penetration.
- Sealing coat for all mineral substrates, for example: concrete, fiberboards, porous concrete, gypsum, plaster, anhydride composition floor, also suitable for gypsum plaster boards.
- Fills the non-structural capillary cracks by decreasing water absorbency of the concrete construction.
- Hardens the upper surface of the concrete by deeply penetrating into the surfaces.

## FIELD OF APPLICATION

Sealing coat for all mineral substrates (i.e.: Concrete, fiberboards, porous concrete, gypsum plaster, anhydride composition floor and gypsum plaster boards).

## APPLICATION INSTRUCTION

### SURFACE PREPARATION

The substrate to be coated **must be** clean, dry, free of grease, dust and oil, and show a sufficiently strong tensile and compression strength. Concrete, plaster and screed surfaces **must be** at least 28 days old and be protected against rising moisture. The pull-off strength **must not be** under 1.5 N/mm. Insufficient strong films, cement sludge, grinding or sanding area of contaminants **must be** removed with appropriate methods. Suitable methods are peening and grinding.

### CLEANING

At each work stoppage, all tools **must be** immediately cleaned thoroughly with water, possibly add detergent.

### DRYING TIME - CURING

| Substrate Temperature | +15°C         | +20°C         | +25°C         | +30°C        |
|-----------------------|---------------|---------------|---------------|--------------|
| Recoating             | 2 - 3 hours   | 1 - 2 hours   | 0.5 - 1 hours | 0.5 hours    |
| Able for Walking      | 24 - 36 hours | 18 - 24 hours | 12 - 18 hours | 8 - 12 hours |
| Lightly loadable      | 5 days        | 3 days        | 2 days        | 1 days       |
| Fully loadable        | 7 days        | 6 days        | 5 days        | 4 days       |



## PRODUCT INFORMATION

- Transparency / clear
- Weight Solids ~ 10 %
- Volume Solids ~ 10 %
- Density ~ 1.0 g/ml
- Gloss
- Matt

## COVERAGE

~ 0.15 - 0.2 litres/m<sup>2</sup>

The practical consumption differentiates depending on the type of application, form and roughness of the substrate and the processing conditions.

## SHELF LIFE

If kept in cool and dry area, shelf life amounts to at least 12 months (Sealed and undamaged container). The containers are to be protected from moisture and direct sunlight.

## PACKING

- 5 litre container
- 20 litre container

### APPLICATION INSTRUCTION

Processing substrate temperature: +5°C to +30°C. however, at least above the dew point +3°C. Optimum material temperature: +15°C to 25°C. Maximum temperature: 35°C. The relative humidity should not be more than 85%.

### APPLICATION OF UV PU1K WATERPROOFING 270

**UV PU1K Waterproofing 270** is applied with a sealing brush or a rubber wiper. Spread the material evenly and avoid puddles. Normally, one rich and evenly smooth coating is sufficient.

### PRECAUTIONS

- **UV PU WATERPROOFING 270** System is best to be applied by spray method.
- This is not only fast and effective but will give you an average application rate.
- **UV PU WATERPROOFING 270** System is will surface dry within one hour and be traffic ready in 5 hours.
- For water pond testing - wait 36 hours for standard wet areas.
- For commercial R.C water tanks, it they will need a full curing time of 5 days before filling with water for pond/water-tight testing.
- Allow to dry completely prior to the application of paints or coating.
- **UV PU WATER-PROOFING 270** System will not harm glass, tiles or aluminium.

#### Legal Note

The information and any recommendations relating to the application and end-use of all Super Builders products are provided in good faith based on Super Builder knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by Super Builders. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions. Please consult our technical department for further information

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