

# SuperCoat PU Clear

Liquid-Applied, one component, aliphatic polyurethane waterproofing membrane

## Product Description

SuperCoat PU Clear is one component hard- elastic, high solid, aliphatic polyurethane transparent liquid membrane with excellent UV resistance used for long lasting waterproofing coatings, subject to public pedestrian and light traffic areas. It cures with the humidity in the atmosphere to produce a transparent membrane with uniform adhesion over the entire surface. It does not yellow/discolor when exposed to sunlight. It is based on aliphatic polyurethane resin, which results in excellent mechanical, chemical, thermal, UV and natural element resistance properties

## Advantages

- Excellent UV resistance.
- Certified for safe use in potable (drinking) water reservoirs.
- Strong and uniform adhesion on almost any type of surface.
- As it is pure polyurethane, it can continually contact with water.
- Waterproofing of balconies and terraces above tiles and marble.
- it does not discolor when exposed to sunlight.
- Simple application (roller or airless spray).
- When applied forms seamless membrane without joints.
- The waterproofed surface can be walked on.
- Low cost.
- Waterproofing and protection of brick, natural stones and decorative tiles.
- Can be used on ready plaster.
- Provides water vapor permeability, so the surface can breathe.
- Provides excellent adhesion to almost any type of surface.
- Provides excellent adhesion to ceramic tiles and glazed surface
- Surfaces exposed to high abrasion.



### Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

### Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

### General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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## Uses

- Public pedestrian and light traffic areas.
- Stadiums.
- Over exposed car parks.
- Waterproofing of surfaces exposed to heavy wear conditions.

## Consumption

0.6 – 1.2 kg/m<sup>2</sup> in two or three layers. This coverage is based on application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature and application method can alter consumption.

## Application

### Preparing Surface

Clean the surface using a high pressure washer, and remove oil, grease and wax contaminants, cement laitance, loose particles, mold release agents must be removed. Fill surface irregularities with the necessary product. Pour the **SuperCoat PU Clear** onto the primed and waterproofed surface one or two layers.

## Certifications

The SuperCoat PU Clear is certified according the current European and German legislation for use on surfaces in direct contact with potable (drinking) water, and potable (drinking) water storage tanks.

## Safety Measures

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Keep in mind that solvents are heavier than air so they creep on the floor.

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## Technical Data

PROPERTY	RESULTS	TEST METHOD
Hardness (Shore D Scale)	40 shore D	ASTM D 2240
Elongation At Break	≥ % 300	ASTM D 412 / DIN 52455
Tensile Strength	≥ 30 N/mm <sup>2</sup>	ASTM D 412 / DIN 52455
Adhesion to Concrete	≥ 2N/mm <sup>2</sup>	ASTM D 903
Service Temperature	-40 °C to +80 °C	
Gloss retention (after 2000 hours)	VERY GOOD	DIN 67530

## Cleaning

All tools should be should be cleaned immediately after finishing by solvent. Hardened materials should be cleaned mechanically.

## Packing

It is supplied in 20 Kg, 10 kg, 5 Kg and 3.5Kg pails. Pails should be stored in dry and cool rooms for up to 24 months. Protect the material against moisture and direct sunlight. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, and batch number and application precaution labels.

## Storage

SuperCoat PU Clear has a shelf life of 24 months from date of manufacture if stored at temperatures between 5 °C and 40 °C.

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