



CONSTRUCTION CHEMICALS TECHNOLOGIES

---

## VIMAPUR VARNISH

### Two-component polyurethane varnish with solvents

#### Properties

---

**VIMAPUR VARNISH** is a two component, transparent, aliphatic polyurethane based varnish, with solvents

Contains UV filters and provides long-lasting resistance to solar radiation.

It keeps its gloss and does not turn yellow in time.

It is also available in matt appearance for surfaces where the gloss is not desirable. It has excellent adhesion even on closed, glossy surfaces e.g. in galvanized metal sheet.

Seals porous substrates offering:

- high mechanical strengths
- chemical strengths (sparing acids and alkalis)
- waterproofing

#### Applications

---

**VIMAPUR VARNISH** is applied as a final, protective coating on surfaces of concrete, cement mortar, stone, decorative bricks, wood, metals and polyester.

It is especially suitable for:

- surface protection near the sea
- protecting and enhancing the durability of epoxy paints on floors and swimming pools
- sealing-waterproofing without aesthetic alteration of terraces with ceramic tiles or mosaic coating
- protective finish on pressed cement mortars



CONSTRUCTION CHEMICALS TECHNOLOGIES

## Technical characteristics

Density	Components A + B : ~ 1,0 kg/L
Density (gloss 60°)	90 for glossy appearance 30 for matt appearance
Mixing ratio (A:B)	2,57 : 1 for glossy appearance 2,71 : 1 for matt appearance
Application temperature Pot life (A+B)	12-35° C 2,5 h at + 12° C 2 h at + 25° C 1 h at + 30° C
Drying time	3 h at + 25° C
Recoat time	36 h at + 12° C 24 h at + 25° C
Foot traffic	36 h at + 12° C 24 h at + 25° C
Final curing time	7 days at + 25° C

## How to use

### Substrate

Substrate must be solid, clean from dust, oil and generally from dirt that prevents the material from adhering. An important factor affecting the polymerization of the material is the substrate moisture content ( $\leq 4\%$ ) and the relative humidity of the environment ( $\leq 65\%$ ).

Also, any wetting of the surface at a time shorter than drying time may damage the gloss of the coating.

**Caution!** If the substrate has been impregnated with silicone materials, **VIMAPUR VARNISH** should not be applied.

### Priming

In the case of inorganic substrate with high absorbency, e.g. cement mortar, the surface should be primed with **VIMAPUR VARNISH** diluted with **THINNER PU** (10-15%).

In the case of **VIMAPUR VARNISH** application as final protection of cement screed, the surface should be previously primed with **VIMAPUR PRIMER-W** polyurethane water based primer. Apply varnish at least after 24 hours.



CONSTRUCTION CHEMICALS TECHNOLOGIES

---

## Mixing

Two components are mixed in a clean container, where all contents of packaging A and B are emptied. The mixing time should be at least 3 minutes.

Leave the mixture for about 5 minutes to start the reaction of the two components and then apply for at least two coatings by using a roll or brush.

## Consumption

---

0,12 - 0,16 kg/m<sup>2</sup> per coating.

## Tools cleaning

---

Immediately after application with **THINNER-PU** solvent.

## Storage

---

Component A: 2 years if the material is kept in its original closed packaging, stored in, frost, moisture and high temperatures (> 35 °C) protected places.

Component B: 12 months if the material remains hermetically sealed in its original packaging. The material is easily polymerized under the influence of ambient humidity.

## Precautions

---

**VIMAPUR VARNISH** contains solvents. In case of application in enclosed areas, special care must be taken to ensure good ventilation.

**VIMAPUR VARNISH** is harmless to health after hardening. Prior to application, the risk phrases and precautionary statements on the package should be studied.