

# HARDOX PU CLEAR COAT

Mat transparent, two-component aliphatic water repellent PU coating for waterproofing and protection of surfaces.

## Description

Mat transparent two component aliphatic water repellent PU coating for complete waterproofing and protection of cementitious surfaces, microcement decorative cementitious surfaces, protection of metal surfaces, natural stone as well as UV resistance for HARDOX P 25 pool epoxy paint. With the use of HARDOX PU CLEAR COAT we obtain optimum combination of waterproofing, hardness and tolerance to chemical factors and external conditions.

## Features - Benefits

- Protects the application surface from pollutants
- No yellow discoloration due to UV exposure
- Excellent resistance to cleaning agents, oils and mechanical stresses
- Excellent adhesion to the application substrate
- Easy and quick application
- High hydrophobic effect
- Suitable for indoor and outdoor applications
- Suitable for foot traffic and light vehicle traffic

## Application examples

- Microcement decorative cementitious surfaces
- Cementitious surfaces
- Metal surfaces
- Plastered walls
- Stone surfaces
- Epoxy paint HARDOX P25 for extra protection

## Specifications

**Form:** Two-component polyurethane resin

**Color:** Transparent

**Density A+B:** ≈ 0,99 Kg/L

**Curing time:** ≈ 3-4 h

**Recoating time:** ≈ 6-24 h

**Viscosity:** ≈ 400 mPa.sec

**Adhesion to concrete:** > 3 N/mm<sup>2</sup>

**Hydrostatic pressure:** > 6 atm

**Capillary water absorption:** w<0,1

## Substrate preparation

Provide stable surfaces, completely dry and free from shrinkage tendencies with maximum surface moisture <4% and atmosphere humidity < 65%. Remove loose or detached fragments, dirt, oil, dust etc. Repair with BAUER material (BETOFIX B70 etc.) any large voids and cracks on the substrate. Application and substrate temperature +5 °C to +35 °C. Avoid application outdoors when rainfall is expected.

## Mixture preparation

Components A and B are provided in containers ready to be mixed. Stir well component B into component A using a low speed electric mixer until the mixture becomes homogeneous.

## Instructions for use

Apply the material using brush, roller or sponge. HARDOX PU CLEAR COAT is applied as final coating on microcement decorative Bau Resina cementitious flooring after the application of BAUSIL acrylic varnish. Application of HARDOX PU CLEAR COAT is recommended at least 48 h after the application of BAUSIL. Make sure that the material is uniformly spread without pools of liquid. Clean application tools with appropriate solvent immediately after use.

## Consumption

70-150 gr/m<sup>2</sup>

## Storage

Preferably in sheltered areas, low in moisture, protected from ice and sun exposure, for at least 12 months from the date of production and in the original sealed package.

## Packaging

Metal cans 3 kg & 9 kg.

## Remarks

The ready to use product HARDOX PU CLEAR COAT has a maximum content of organic compounds <500 gr / l, which complies with the 2004/42/E.K Directive

(Annex II, Table A) and ensures complete harmlessness after hardening.

## Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

## Other information

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