

PRO PU COATING 9010



Storage and Shelf Life

The product can be stored for a maximum of 12 months in its unopened original package at temperature between +5°C and 25°C. Opened product should be used as soon as possible.

Packaging and Color

The product should be used in well ventilated environments. The product should not be in contact with open fires. Smoking should not be allowed during application. Protective gloves and masks should be used for hands and eyes during application. If the material comes into contact with eyes, it should be washed immediately with sufficient water. Adequate ventilation is required during application. For more detailed information, ask for Safety Data Sheet (MSDS) from PROFESSIONAL SEALERS (PVT) LTD technical department.

Technical Data

QUALIFICATION	METHOD	FEATURE
Coating Type	Professional Sealers Lab	One-component Polyurethane
Density	ASTM D 1475 / EN ISO 2811-1 (+20°C)	1,45 (±0,05) gr / cm ³
Viscosity	ASTM D 2196-86 / EN ISO 3219 (+25°C)	3000 - 6000 cp
Water Vapor Permeability	ASTM E96	0.8 gr / m ² hour
Gloss	Professional Sealers Lab	Semi Gloss
Application Temperature	Professional Sealers Lab	+5°C to +35°C
Heat Resistance	Professional Sealers Lab	100 days at + 80 ° C
Shock Heat Resistance	Professional Sealers Lab	200°C - Passed
Solid Content	Professional Sealers Lab	85% (± 5)
Hardness	ASTM D2240, DIN 53505, EN ISO R868	65 (Shore A)
Elongation at Break	ASTM D 412 (+23°C)	> 400%
Tensile Strength	ASTM D 412 (+23°C)	> 5,5 N / mm ²
Adhesion to Concrete	TSE EN 1542 (+23°C)	> 2 N / mm ²
QUV	ASTM G154	2000 hours - Passed
Storage Temperature	Professional Sealers Lab	-30°C to +90°C
Tack Free Time	25°C / 55% RH	6 hours
Recoat Time	Professional Sealers Lab	6 to 24 Hours

We Also Deals In

- Torch Applied Roofing Membrane
- Water Proofing Systems & Materials
- Construction Chemicals & PU Sealants
- Cold Applied Systems & Contractors
- Insulation Systems & Materials
- PVC Water Stops
- Epoxy flooring
- Geo Membrane
- Waterproofing Chemicals
- Self-Adhesive Membranes

Important note:

Pro-Tech Construction chemicals products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Pro-Tech Chemicals endeavours to ensure that the technical information on this data sheet is correct at the time of printing, it is the customer's responsibility to satisfy himself, by checking with the company that this information is still current at the time of use, that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended. Because Pro-Tech Chemicals has no control over the conditions of use of its products, all recommendations or suggestions regarding the use of these products are made without guarantee.

PRO PU COATING 9010



Polyurethane based, liquid waterproofing membrane.

Description

PRO PU Coating is a single component, polyurethane based, liquid waterproofing membrane. Creates an elastic and durable film layer by curing with the humidity in the air.

Recommended Applications

- Terrace, veranda and balconies,
- Wet areas under coating (bathroom, kitchen, etc.)
- Indoor and outdoor application areas
- Exposed roofs
- Irrigation Channels
- Asphalt Membranes
- Gypsum and cement panels

Recommended Applications

- Hardness R28: 15 Mpa
- Humidity : W <5%
- Temperature : +5 °C and +35 °C
- Relative Humidity: <85 %

For detailed information, please consult our technical department.

Application Details

Surface preparation:

Before the application in order to ensure a good adhesion oil, grease, paraffin waste, cement grout, loose particles, mold release agents, cured old membranes should be removed from the surface. After washing the surface with high pressure water, it should be thoroughly dried. Surface defects and cracks should be repaired with suitable products.

Priming:

For absorbent surfaces such as concrete, cement, or screed, Pro PU Flex1150 or Epoxy primer should be used (moisture should be maximum 5% on such surfaces). PRO PU PRIMER 70 2K or EPOXY PRIMER WB should be preferred on damp surfaces. EPOXY WB GLOSSY should also

be used on non-absorbent surfaces such as metal, ceramic or old coatings.

Application:

Before using, the package should be opened and mixed with a low speed mixer for 2-3 minutes. For spray application, add PRO 105 at a maximum rate of 5% -7%. The previously primed surface should be applied with a roller or brush until the entire surface is covered, by pouring the product in at least two layers. After the first coat is applied, the second coat should be applied within minimum 6 and maximum 24 hours. If the application of the second layer has not been made within the specified time, before application please consult to the technical officer of **PROFESSIONAL SEALERS (PVT) LTD** for information and solutions. If needed, in order to increase the acceleration of the drying process in cold weather, it is recommended to use ACC CATALYST. Consult our technical department for thinning.

Application Remarks

- Not recommended for loose and unstable surfaces.
- It is not used for waterproofing of swimming pools with chemically treated water.

Consumption

- First Layer (min.): 0,60- 0,75 kg /m²
- Second Layer (min.): 0,60-0,75 kg/m²
- Airless spray (for each layer) : 0,75 – 0,90 kg/m²

Total consumption (min) : 1,20 – 1,50 kg/m²

Cleaning

After the application, all tools should be cleaned with solvent. Roller and brushes should be disposed.

Packaging and Color

It is grey color or on customer demand and in 16 kg and 20 kg buckets.