

TECHNICAL DATA SHEET

DESCRIPTION

PRIME PU-AQUA is a single component, polyurethane hybrid based, 100% aliphatic waterproofing membrane. It forms a fast drying, UV resistant elastic protective coating.

TYPICAL APPLICATIONS

- Vertical and horizontal areas,
- PU foams,
- Wet areas (bathroom, kitchen, etc.),
- The surfaces where UV resistance is required,
- Light roofs.

FEATURES AND ADVANTAGES

- Easy application on vertical surfaces.
- Thixotropic.
- Excellent UV resistance.
- It cures fast.
- Easy to apply (with roller brush or airless spray).
- Solvent free.
- Does not contain toxic substances when fully cured.
- High resistance against stagnant water.
- Elastic.

APPLICATION PROCEDURE

• SURFACE PREPERATION

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

• PRIMING

For absorbent surfaces such as concrete, cement or screed, PRIME P-70 or PRIME EP-60 should be used. PRIME P-80 should be used on non-absorbent surfaces such as metal, or old coatings. PRIME PU-AQUA can be thinned with 15% water and used as a primer on non-rigid surfaces.

• APPLICATION

Before usage open packages and mix with a low speed mixer for 2-3 minutes. The material should be applied to the previously primed surface in minimum two coats by pouring it with the help of roller or brush until the entire surface is covered. After the rst layer is applied, the second layer should be applied within minimum 8 hours and maximum 24 hours. If the application has not been made within the specied time for second layer, please consult the technical office of PRIME for information and solutions before application.

APPLICATION REMARKS

- Not recommended for unstable surfaces.

CONSUMPTION

- Total Consumption (min.): 1,50 - 1,80 kg/m

CLEANING

After the application, all tools should be cleaned with water.

PACKAGING AND COLOR

It is white and in 5 kg and 20 kg plastic buckets.

STORAGE AND SHELF LIFE

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

PRECAUTIONS

The product should be used in well ventilated environments. The product should not be in contact with open re. 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 sucient water. For more detailed information, ask for Safety Data Sheet (MSDS) from PRIME technical department.

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POLYURETHANE WATERPROOFING MEMBRANE

TECHNICAL DATA		
QUALIFICATION	METHOD	FEATURE
Coating Type	Manuf Lab.	Polyurethane Dispersion
Density	ASTM D 1475 / EN ISO 2811-1 (+20°C)	1,35 - 1,45 gr/cm ³
Viscosity	ASTM D 2196-86 / EN ISO 3219 (+25°C)	5.000 - 10.000 cp
Application Temperature	Manuf Lab.	Between +5°C - +35°C
Hardness	ASTM D2240, DIN 53505, EN ISO R868	> 65 (Shore A)
Elongation at break	ASTM D 412 (+23°C)	> 300%
Tensile Strenght	ASTM D 412 (+23°C)	> 3,5 - 4 N/mm ²
QUV	ASTM G53	2000 Hours - Passed
Service Temperature	Manuf Lab.	-20 °C to +80°C
Tack Free Time	25°C / 55% RH	6-8hours
Recoat Time	Manuf Lab.	8 to 24 hours

□ Viscosity measured at + 25°C according to EN ISO 3219 standards. Viscosity increases inversely with temperature.

DISCLAIMER

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