



NEOPROOF PUA 800CW

POLYUREA BASED, TWO COMPONENT, COLD APPLIED LIQUID MEMBRANE WATERPROOFING MATERIAL

DEFINITION:

NEOPROOF PUA 800CW is a two component, easy and cold applied polyurea system. NEOPROOF PUA 800CW is an elastic waterproofing product with high mechanical and chemical resistance. It adheres very well to concrete, metal and mineral surfaces. It dries fast, service time is short. It has crack bridging feature. It does not form air bubbles on properly prepared and primed floors.

AREAS OF APPLICATION:

- Concrete structures, roofs, balconies, terraces,
- In water tanks,
- In secondary enclosure waterproofing,
- It can be used as a repair kit for hot spray polyurea.

ADVANTAGES:

- Crack bridging up to 2mm.
- Flexible.
- It is suitable for application with a thickness of 2mm in one coat.
- Monolithic structure and creates a joint-free surface.
- Curing fast.

TECHNICAL SPECIFICATIONS

Physical Properties:

QUALITY (23°C, 50% RH)	VALUE	STANDARD & METHOD
Appearance	A Com.: Transparent, Liquid B Com.: Grey, Red, Liquid	-
Viscosity (Brookfield cP)	A Com.: 2500 $\pm$ 500 B Com.: 20 $\pm$ 10	EN ISO 2555
Density (gr/cm ³)	A+B mix.: 1,40 $\pm$ 0,05	EN ISO 2811-1
Solid by Volume (% wt)	A+B mix.: 85 $\pm$ 1	EN ISO 3251



Note: This product is for professional users. The information in this publication is based on our professional knowledge and experience. This information does not eliminate the obligation of users of our products to test their suitability for their place of use. As the implementation and use of our products is beyond our control, none of the recommendations are within our warranty. Users should evaluate our products on their own terms and are solely responsible. The technical data sheets of all our products are updated at regular intervals. Users are responsible for obtaining the latest version.

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Mechanical Properties:

QUALITY (23°C, 50% RH)	VALUE	STANDARD & METHOD
Elongation at Break (%)	>500	EN ISO 527 ASTM D 412
Rupture Resistance (N/mm2)	>10	EN ISO 527 ASTM D 412
Tensile Strength (N/mm2)	>4,5	EN ISO 527 ASTM D 412
Adhesion Strength (N/mm ²)	>2	EN 1542 ASTM D 4541
Surface Hardness (Shore A)	>65	EN ISO 868 ASTM D 2240

Technical Properties After Application And Curing:

QUALITY (23°C, 50% RH)	VALUE	STANDARD & METHOD
Application Thickness (mm)	2	-
Pot Life (min)	30	100 gr (A+B)
Touch Dry (hour)	2-6	23°C - 50% RH
Full Cure (day)	7	



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APPLICATION INFORMATION

Surface Preparation: Application surfaces must be dry and clean. Concrete and formwork residues mechanically; oil, grease, fuel and paraffin wastes should be cleaned using chemical solvents. There should be no roughness, pits and cracks on the surfaces to be applied. Such damaged and unstable surfaces should be repaired and corrected using suitable products. If necessary, it should be overhauled with floor grinders or diamond-tipped machines. After these processes, the surface should be cleaned of dust with industrial vacuum tools. The prepared surface should be primed with a suitable primer. It may be necessary to apply 2 coats of primer on very absorbent concrete surfaces. The upper surface retention of the subfloor should meet an average of 1.5 N/mm², and the compressive strength should meet a minimum of 25 N/mm². Min. Care should be taken to ensure that it is above +5 0C.

Application: NEOPROOF PUA 800CW is applied with a roller or a 3mm steel trowel. The application thickness should be at least 1.5 mm. It is important to check that the material is thrown in equal amounts to all sides in the entire applied area and that the thickness is measured at certain intervals to ensure the most ideal application. Care should be taken to protect the applied surfaces (such as water, dew, dust) for at least 24 hours. In areas that will always be exposed to UV, covering it with a single layer of NEOTOP PU 640 TC aliphatic based polyurethane topcoat with a consumption of 0.40-0.50 kg/m² gives excellent results.

Consumption:

2,0 - 2,2 kg/m² should be applied.

PACKAGING INFORMATION

1 Set of 26,5 KG NEOPROOF PUA 800CW;
Component A: 25 kg metal bucket packaging
Component B: 1,5 kg metal packaging

STORAGE INFORMATION:

If the containers of NEOPROOF PUA 800CW are unopened and protected from direct sunlight and the risk of freezing, it can be stored at temperatures between +5  C and 25  C for 9 months from the date of production.

WARNING

No other material should be added to the NEOPROOF PUA 800CW product. Opened packages should be completely finished and should not be left unfinished. Do not thin with any thinner.

SECURITY PRECAUTIONS

Component A of NEOPROOF PUA 800CW contains isocyanate. During the application, smoking should not be allowed and should be worked in well-ventilated environments away from naked flames. It should be noted that solvents are heavier than air and therefore will circulate on the floor. During the application, work clothes, protective gloves, glasses and masks in accordance with the occupational and worker health rules should be used. Due to the irritating effects of the uncured product, the components should not come into contact with the skin and eyes. In case of contact, wash with plenty of water and soap. If swallowed, seek medical advice immediately. For detailed information, please refer to the Safety Data Sheet (MSDS) or contact our technical units. Keep out of reach of children.



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