

PUR 625

UV Resistant, One Component, Liquid Polyurethane Waterproofing Material



Description

PUR 625 is a ready to use, single component, polyurethane-based waterproofing material in liquid form. It has high UV stability and is suitable for pedestrian traffic.

Usage Areas

It is safely applicable on concrete, stone, fibre-cement sheets and metals, in rain gutters, canals and water ducts, terrace roofs, protection of polyurethane foam applications, water tanks, damp bulks, and swimming pools against water and moisture.

Technical Data

Color	: White, Grey
Base	: Modified polyurethane
Thermal resistance	: -35°C to +110°C
Viscosity	: 5800 mpas (20°C)
Waterproofing	: Waterproof at the end of a 3 day period under 5 atm pressure
Water vapor permeability	: 25,8 g/m ² /day
Adherence to concrete	: 3,2 kp/cm ²
Solid content	: 87%
Application temperature	: +5°C to 35°C
Density	: 1.4 g/cm ³
Pull-out adherence	: 9.19 Kg/cm ²
Slipping adherence	: 75.06 Kg/cm ²
Hardness (Shore A scale)	: 65
Elongation at break (at 20°C)	: % 600

Advantages

Provides a seamless, waterproof and protective coat. Provides perfect adherence for aged coatings as well. Highly resistant to aging, diluted acids, bases, salts, chemical substances, mildew, and weather conditions. It covers capillary cracks. Resistant to sunlight since it is produced from UV resistant resins. It can be applied simply. It can also be applied, as a protective coat, onto polyurethane foam. Ever elastic; does not result in cracks on the surfaces it is applied. Has a high solid substance ratio. Resistant to plant roots. Resistant to pedestrian traffic after it has been cured.

Surface Preparation

The surface to be treated must be dry, clean and free from all types of grease. Maximum humidity must be 5%. Otherwise the product results in foaming and swelling on wet parts. It takes at least 15 days for fresh concrete surfaces to dry up as required. After cleaning surface, **PU 101 A** can be applied on the concrete surface.

Application

The material must be mixed thoroughly and applied by a brush, roller or spray at least two layers. It can be thinned by benzine (5% maximum) if necessary. It is recommended to wait for approximately 12 hours before the application of the next coat when it is applied in more than one coat. During application you must wear protective gloves. Final curing takes 5 days.

Cleaning Of The Tools

The equipment can be cleaned by industrial solvents immediately after application.

Consumption

At least 0,60 – 0,75 kg/m² for 1 layer

Packaging

Net 25 kg Metal bucket

Storage and Shelf Life

PUR 625 has a shelf life of min. 8 months starting from production date when stored unopened, in dry and cool conditions and at 30°C. The whole content in the package must be consumed; the remaining product cannot be consumed later.



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