



PU AQUEUX PRIMER

Adhesion promoter primer, one-component and solvent-free, for SOUPLETHANE liquid waterproofing systems. It hardens superficially the concrete, penetrates the pores of the substrate in order to avoid any phenomenon of degassing and reinforces adhesion of a coating on concrete support.

Application Fields

PU AQUEUX can be used as a primer on new or old concrete substrates before applying the SOUPLETHANE waterproofing system. Applicable on any porous substrate: concrete, fiber cement panels etc.

Characteristics

Chemical Nature	Moisture-curing 1-component primer based on prepolymer	Density (at 25°C)	1.16 g / ml (DIN 53217 / EN ISO 2811)
Aspect	Transparent amber liquid	Flash point	> 110°C
Dry content	100 %	Solvent-free	

Advantages

One-component primer (not limited by a pot life) – Solvent-free	Easy application
Low viscosity - Maximum penetration into the substrate's pores	Low consumption
Possibility of application on water-dripping concrete	
Improved adhesion on porous concrete substrate, even without concrete preparation	
Ex. SOUPLETHANE on non-prepared concrete - Adhesion : 2.01 MPa	
PU AQUEUX + SOUPLETHANE on non-prepared concrete - Adhesion : 3.80 MPa	

Properties

Concrete adhesion	3.8 MPa (concrete failure) (NF EN 1542)
Tensile strength	65 MPa (NF EN ISO 527-3)
Elongation	35 % (NF EN ISO 527-3)

Implementation

Application	On new concrete, more than 21 days old, or old concrete (renovation) with no curing agent, no grease, or other polluting agent, the surface is prepared mechanically, by grinding or sandblasting, or chemically. Manual application : use 150 g/m² depending on substrate quality.			
Application temperature	> 5°C min			
Drying time	12 hours at 20°C			
Covering time	Before application of SOUPLETHANE on the PU AQUEUX			
	Temperature	+ 10°C	+ 20°C	+ 30°C
	Mini	24 hours	12 hours	8 hours
	Maxi	3 days	2 days	1 day
These data are only indicative because the curing time varies according to the drying conditions (temperature and relative humidity in particular)				

Tools cleaning : Tools are cleaned with acetone or MEK immediately after use. In the cured state, the product can only be removed mechanically

Packaging	
5 L (5.8 kg)	Jerrycan
10 L (11.6 kg)	Jerrycan
25 L (29 kg)	Jerrycan
230 kg	Drum

Stockage

From the date of manufacture and in original unopened packaging, under cover at 8 - 20 °C in a cool, ventilated place (frost free)
Storage at low temperatures can cause crystallization of the product.
Shelf life : 12 months