



VYCOAT-PU

Polyurethane Waterproofing Coating

DESCRIPTION

VYCOAT-PU is a high-performance, liquid-applied polyurethane waterproofing coating that cures to form a seamless, elastic, and durable waterproof membrane.

It is designed to provide excellent adhesion, crack-bridging capability, and long-term waterproofing performance for a wide range of construction applications.

BENEFITS

- Seamless and joint-free waterproofing membrane
- Excellent elasticity and crack-bridging performance
- Strong adhesion to various substrates
- Good resistance to water and chemicals
- Suitable for complex geometries and detailing areas
- Easy application by roller, brush or squeegee
- Long-term durability

APPLICATIONS

- Roof waterproofing systems (protected)
- Balcony, terrace, and podium decks
- Basement and foundation waterproofing
- Wet areas (bathrooms, kitchens)
- Bridge decks and infrastructure projects

INSTALLATION

Surface Preparation

- Substrate must be clean, dry, and structurally sound
- Remove dust, oil, grease, and loose particles
- Apply primer if required

Application

- Apply by roller, brush or squeegee
- Apply in multiple coats to achieve required thickness
- Reinforce critical areas (corners, joints) with fabric if needed
- Ensure full curing between coats

Recommended Thickness

- Total dry film thickness: 1.5 – 2.0 mm
- Reference consumption: 1.4-1.6kg/m² for film thickness of 1mm

STORAGE & SHELF LIFE

- Store in sealed containers
- Keep in cool and dry conditions
- Protect from moisture and heat
- Shelf life: 12 months

DIMENSIONS & PACKAGING

Parameter	Value
Component	Polyurethane
Appearance	Liquid
Color	Brownish
Weight	25 kg/pail

TECHNICAL DATA

Property	Value
Solid content	$\geq 85\%$
Surface dry time	$\leq 12\text{h}$
Working time	$\leq 24\text{h}$
Tensile strength	$\geq 2\text{MPa}$
Elongation at break	$\geq 500\%$
Tear strength	$\geq 15\text{N/mm}$
Cold bending	-35°C , no crack
Watertightness	0.3Mpa, 120min, no leakage