DESCRIPTION

Two-component, polymer-modified, bitumen-sprayed, highly flexible, solvent-free, polyurethane-based waterproofing membrane. It is used for waterproofing purposes thanks to its crack bridging feature. After application, the surfaces become homogenized and protected.

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PUR-192: Apply the first coat with a consumption of 0.900 gr/m2 per square meter on each layer and leave it to ashen for 24 hours and apply the first coat with a consumption of 0.900 gr/m2 on the second layer. If the application area is deemed necessary, apply a third coat. Parapet walls should be applied at a height of at least 20 cm from the ground.

AREAS OF USE

- Terraces and rooftops,
- Gutters,
- Swimming pools,
- Ornamental ponds,
- Wet floors,
- Green roofs,
- Balconies,
- Bridges and viaducts,
- Protection of the concrete bastion,
- Insulation of curtain walls

BENEFITS

- It is easy and quick to apply because it is two-component.
- Can be applied with a brush or roller.
- High elasticity and flexibility.
- Solvent free.
- Excellent adhesion to concrete.
- Excellent mechanical properties.
- Provides 100% adherence to the floor.
- Resistant to ponding on the terrace.
- Up to 400% flexibility,
- Ability to apply without joins,
- Resistant to certain chemicals,
- Excellent subsoil resistance,
- Possibility of application on any surface,

APPLICATION

Cement and concrete surfaces must be dry and free of dust, dirt, grease, oil and weak particles. Before application, it is recommended to shave the concrete with blastrac floor strippers. Since the polyurethane is in liquid form, it will be applied to the surfaces by roller, brush or airless machines, therefore, in order to provide better adherence to the floors, especially the concretes should have completed the 28-day curing period. Concretes should have a minimum compressive strength of 25 MPa, a minimum tensile strength of 1.5 N/mm2 and a maximum surface moisture content of 5%. Apply **PUR-160 or PUR-150** series primer to the prepared surfaces. Afterwards, the cracks on the floor. surfaces are repaired and filled with polyurethane sealants. Apply PUR-190 polyurethane insulation membrane to the prepared surfaces in at least two layers, 1 kg per layer.

TECHNICAL PROPERTIES

Description	Method	Unit	Value
Material	-	-	PUR 192 (Polyol) PUR MDI (Resin)
Viscosity,	-	cps	5400 ± 1000
Density	-	gr/ml	1.35 ±0.03
Color	-	-	White, Gray
Solid content	-	-	~86% by weight
Adhesion time	-	hour	12-24
Adhesion strength (primed)	-	N/mm2	>2.00˚C
Rigidity	DIN 53505	shore A	80
Elongation at break	DIN 53504	%	400
Tensile Strength	DIN53515	N/mm2	>3.80˚C
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Water Vapor Permeability	EN ISO 7783- 1	m	Sd: 1.60 m;
Moisture Tolerance	-	%	Max. 4
Through-dry time	(23°C and above)	hour	24
Through-Dry Time	(23°C and above)	day	7

PACKAGING

Packaging Metal Tins: 14/4 (20) kg

The package should be stored in a dry place at 5 °C / 30 °C. Use as soon as possible after unpacking the product.

Shelf Life: 2 year.

HEALTH AND SAFETY

Request and read the Safety Data Sheet (MSDS) for application and usage details before purchase. Eye protection, gloves, clothing and mask must always be worn during work.

DISPOSAL

Small amounts of cured product residues can be disposed of as normal household waste. Disposal of uncured product components must be carried out in accordance with local regulations. Empty drums should be emptied of liquids by cutting a hole in the side of the lid and turning it upside down until the liquid no longer flows.