

SN-ROOFCARE PU-1000

SN-ROOFCARE PU -1000 is a polyurethane single component liquid, solvent free coating is a polyurethane layer applied to the surface of a substrate for the purpose of protecting it. These coatings help protect substrates from various types of defects such as corrosion, rain water, weathering, abrasion and other deteriorating processes. It is applied manually, using a roller or brush.

Characteristics:

- High UV resistance
- Heat reduces up to 10°C.
- Forms a complete, seamless structure without leaving an opening or joint.
- No need for slope at application fields
- Ready to use one component.
- Easy application (by roller or airless gun)
- Bridging cracks up to 2 mm at -5 °C.
- On-walk able (light traffic)
- suitable for local repairs
- Easy repairing

Pack size:

- 5.00 Kg
- 20.00 Kg

Scope of use:

- For Roof and balconies waterproofing solution in both new concrete & old concrete.
- Foundation and foundation walls.
- Roof Gardening area.
- Flowerpots, water wells, water tanks and water-transport pipes against water.

Surface preparation for use:

- Surface preparation, loose particle, weak concrete must be complete remove and surface defects such as blow holes and voids must be fully removed.
- New concrete: should be cured at last 28 days and should have a pull-off strength 1.7N/mm²
- FOR OLD CONCRETE: Must be completely remove loose particle, weak concrete, previous any others materials such as paint or others layer.
- Repairing: must be filling of joints, crazing cracks, hair cracks by filling materials
- High sports: Must be removing by grinding.
- Tiles: Must be filling tiles joint by filling materials.
- Bituminous felt: Ensure the bituminous felt is mechanically fixed to the substrate.
- Metals: Metals must be sound condition.
- Wooden substrates: Timber based panel roof decks should be in good condition

Application procedure:

- Primer coat, Second Coat and Top coat.
- As the ready to used product by roller or brush.
- 1.5-1.7kg /m² approximately thickness 0.9-1.1mm (primer coat+ second coat +top coat)

Note: Dilution with water if required

Please note: Used tools can be cleaned with soaped water immediately. Keep out of the reach of the children. Eyes and skin must be protected during applications with all chemical materials. Use appropriate gloves and protective glasses during application.

Technical data:

PROPERTIES	RESULT	TEST METHOD
Base	High-quality Polyurethane Polymer added	
Color	White ,green & grey	
Shear strength:	7,65+0,30 N/mm ²	ASTMD412
Adhesion to the concrete	2,35+0,25 N/mm ²	ASTMD902
Hardness (Shore A Scale)	67+5	ASTMD2240
Resistance to water pressure	No leakage (1 m water column, 24 hours	DIN EN 1928
Tensile strength	Free Film=>1.7N/mm ² Fleece> 11N/mm ² (approximate)	ASTM D 2370-79
Application temperature:	5 °C to 35 °C	
Transport	Non-Hazardous	
Self-life	24 months(1 ⁰ C -35 ⁰ C)	
Resistance to light: pedestrian traffic:	After 12 hours	Conditions: 21 ⁰ c 50%RH
Final curing:	After 7 days	
Consumption:	1,1–2,1 kg/m ² for two or three layers	

Disclaimer: The information contained within the data sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability for negligence.