

SR COAT PU 370

Single Component Waterproofing Membrane

DESCRIPTION

SR COAT PU 370 is a single-component, ready-to-use, liquid applied moisture curing elastomeric water-proofing membrane. It consists of STPE Technology, delivering outstanding mechanical, chemical, thermal, UV, and natural element resistance.

APPLICATIONS

It is used for waterproofing of :

- Roofs.
- Pedestrian deck.
- Plaza decks, Planters, Green Roofs.
- Concrete constructions like bridge decks, Tunnels, Stadium Stands, Car Parks, etc.
- Concrete-based substructure, superstructure, roof, wet area bathrooms, kitchen, balcony.

FEATURES

- Solvent-free.
- ISO Cyanate free.
- Resistant to water and frost.
- Easy to apply by roller or brush.
- Superior UV resistance and weathering performance.
- Excellent adhesion performance on a wide variety of substances.

TECHNICAL SPECIFICATIONS

Physical Properties	Test Method	Typical Value
Appearance	-	Smooth Liquid
Specific Gravity @ RT, Minutes	ASTM D1475	1.38 - 1.44
Skin Over Time @RT, Minutes	-	20 - 50
Tack Free Time @RT, Minutes	ASTM C679	40 - 100
Cure Rate @RT, mm/Day	-	>2
Rheological Flow,	ASTM C639	Self leveling
Viscosity at 25°C, cPs	ASTM D2196	5000 - 10000
Tensile strength, N/mm ²	ASTM D412	>0.6
Elongation, %	ASTM D412	>250
Shore A - Hardness	ASTMD 2240	18 - 25
Tear Strength, N/mm	ASTM D624	> 4
Application Temperature (°C)	-	+5 to +40

SURFACE PREPARATION

The substrate must be structurally sound, dry, solid, and stable without any moisture buildup.

The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residue, and any other substance or condition that may prevent or reduce adhesion.

APPLICATION INSTRUCTIONS



BRUSH



ROLLER

Mix thoroughly before use. Apply the material onto the prepared surface and spread it evenly using a roller, brush, or scraper until the entire surface is covered. Allow a minimum curing period of 48 hours for full foot traffic and flood testing readiness.

CLEAN UP

Contaminated surfaces and equipment can be cleaned in "fresh" condition with suitable solvents. Once dried, the material can only be removed mechanically. Hands and exposed skin shall be washed immediately using a suitable hand cleaner and water. Avoid using solvents on the skin.

PACKAGING & COLORS

20-liter Pail. White. For other colours based upon request.

STORAGE

SR Coat PU 370 has a shelf life of 12 months when stored in original packing, in a dry place at a temperature between +5°C and +25°C.

SAFETY

Prevent contact with skin, eyes, and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take it internally. Always utilize the accompanying SDS for information on Personal Protective Equipment (PPE) and Health Hazards.

Disclaimer:

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields. Information on this datasheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact Smart Insulation Finishing System LLC. The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience, as materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product. SIFS reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.