

TECHNICAL DATA SHEET

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SR COAT MT

Hybrid Urethane Waterproofing Coating

PRODUCT DESCRIPTION

SR Coat MT is a two component, urethane acrylate waterproofing coating. SR Coat MT formulated to provide excellent adhesion and flexibility enhanced with superior weather resistance. SR Coat MT is a monolithic, high penetrative liquid coating suitable for all types of waterproofing applications. The coating cures to form a tough and elastomeric waterproofing membrane. SR Coat MT is specially designed for providing excellent adhesion over concrete, green concrete, ceramic tiles, metal, bitumen membrane etc.

FEATURES & BENEFITS

- Environmentally friendly
- Low VOC
- Easy to apply
- Excellent flexibility
- Excellent UV resistance, weatherability and color retention properties
- Excellent resistance to water and vapor
- Breathable

RECOMMENDED APPLICATION

SR COAT MT can be applied for the following:

- New and old roofs
- New and old wet areas, fountains, and swimming pools
- New and old metal roofs
- Existing tiled wet areas, swimming pools etc.

TECHNICAL PARAMETERS

Physical Properties	Test Standard	Result
Appearance	-	Viscous Liquid
Density, (g/cc)	ASTM D 1475	0.60
Pot Life (Hrs)	-	90 Minutes
Full cure time (days) at 25°C	-	4 days
Tensile strength, (N/mm ²)	ASTM D 412	>1
Elongation, (%)	ASTM D 412	>120
Adhesion strength	ASTM D 4541 -17	>2 MPa
SRI (White Color)	ASTM C 1549	>110
Emissivity	ASTM C 1371	<1
Service temperature, (°C)	-	5 - 70

#All values are subject to 5-10% tolerance.

SURFACE PREPARATION

The surface must be structurally sound and free of oil, grease, dust, and other contaminants which will affect the adhesion. Rotary wire brush or light grinding should be employed to prepare the substrate. While applying SR Coat MT over aluminum sandwich panel or corrugated sheets, make sure that all the joints are riveted properly, and rusted sheets replaced.

MIXING

SR Coat MT is a two-component product. Contents of Part A should be mixed for a minute. Whilst mixing Part A, add PART B gradually to PART A and mix thoroughly for 3 minutes to get a uniform consistency. It is recommended to use a slow speed double shaft mixer.

APPLICATION INSTRUCTIONS

Application procedure may vary slightly depending upon the site conditions. The general recommended guidelines for the application of the coating systems is as follows: It is recommended to apply SR Coat MT in three coats with fibre mesh or geotextile reinforcement. Critical areas like pipe penetrations and corners to be treated first. Apply one coat of SR Coat MT with a brush on all corners and around the pipe penetrations extending up to 200 mm on either side and reinforce with a fibre mesh/geotextile. Apply a second coat over it and allow to dry. Then apply first coat of SR Coat MT by brush or roller over the entire area at 0.75 L/m² and embed reinforcement mesh. A second coat to be applied at right angles to the first coat at 0.75 L/m² after the first coat is completely dry.

COVERAGE

0.75 L/ m² per coat (minimum 2 coats recommended).

STORAGE

The shelf life is up to 12 months when stored as per recommendations and in unopened conditions. Store away from direct sunlight and protect from extreme temperature.

PACKAGING

20 L (PART A 19 L, PART B 1 L).

COLOR

White/ Grey.

LIMITATIONS

Do not proceed with application on external areas when rainfall is imminent. Do not apply over light weight concrete or foam concrete.

HEALTH & SAFETY

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles shall be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Disclaimer:

All technical data mentioned in this product data sheet is based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Please note that because 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. The information on this datasheet is subject to change without notice and should not be used for writing specifications. For more 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 based on 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 earlier 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 will be supplied on request.

Manufactured by:

Smart Insulation Finishing Systems LLC

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Company

