

# ROOFLEX S



*We Create Better Future*

## Elastomeric Acrylic Waterproofing

### Fields of Application:

- Waterproofing and flexible protective coat to protect roofs, plaster, poured-in place concrete and other masonry surfaces.
- Protective coating for polyurethane sprayed foam against ultra violet effect.
- It is also suitable for primed exterior wood and wood siding.

### DESCRIPTION:

**ROOFLEX S** is one component, high quality elastomeric coating system based on Polymeric compounds. It can be used as a waterproofing and flexible protective coat to protect roofs, balconies, terraces. For external and internal applications.

### ADVANTAGES:

- Excellent flexibility
- Stable under ultra violet rays
- Single pack and easy to apply.
- Excellent weather resistance.
- High elasticity and excellent adhesion over virtually all sound cement-based substrates.
- Environmental friendly.
- Nontoxic and Nonflammable. Resistant against harsh environment.
- High resistance to chloride ion diffusion
- Economical.

### TECHNICAL DATA

Properties	Result
Standard color	white, grey Other colors on request.
Density	1.35 Kg. / Lt.
Solid content	Approx.65 %
Chemical resistance	Alkalis, acids, diesel
Tensile strength	1.2 N/mm <sup>2</sup>
UV Resistance	No effect after 2000 hrs.
Adhesion strength	1 N/mm <sup>2</sup>
Dry Time	3 hours
PH	8-9
Complete hardening at +25°C	7 days

### APPLICATION DATA:

#### Surface Preparation:

All surfaces must be clean, dry, sound and free from contaminations such as loose and peeling paint, dirt, dust, grease, oil, wax.

#### APPLICATION:

**ROOFLEX S** is ready to use and can be applied by spray, brush or roller.

Before the following coat is applied make sure that the previous coat is completely dry (from 6-8hours) according to the weather situations.

Apply **ROOFLEX S** in two crossed coats at total thickness 1mm, the first coat thickness must not be less than 0.5mm. A fiber glass mesh can be embedded between two coats in covering areas, internal corners, interfaces, tap and rose plumbing. The mesh is embedded immediately over the first wet coat. Apply the second coat to coat to saturate the mesh, before the first coat dries.

If need **ROOFLEX S** make thickness 500 micron per coat please mix the pail **ROOFLEX S** 20kg with 2kg water only.

#### Warning:

Do not apply the product if temperature less than +5c'. Protect **ROOFLEX S** coating from rain.

#### Curing:

The coating must be protected from extreme weather conditions, intermittent rain for minimum 24 hours.

#### Cleaning:

The tools must be cleaned immediately after finishing by water.

#### PACKAGING:

**ROOFLEX S** is packed in 20 kg pail.

#### CONSUMPTION:

Approx. 2 Liter/m<sup>2</sup> for 1mm thickness depending on surface conditions.

#### STORAGE:

Store in dry covered place in the original closed bags.

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## **SHELF LIFE:**

12 months if stored as recommended.

## **HEALTH & SAFETY:**

**ROOFLEX S** Should be avoid direct contact with skin or eyes. It is recommended to use protective gloves and goggles during handling and application, should be consult a doctor immediately if necessary.

## **Important Note:**

The information contained herein is to the best of our knowledge true and accurate and is given in good faith, based on practical experience and applied testing Site or application – specific conditions may vary from those described here and thus the correct and successful use of the product is beyond our sphere of influence. If in doubt, the user should therefore first carry out sufficient tests to ensure the product is suitable. Legal liability cannot be accepted, either solely based on the content of this information sheet or any verbal advice given.

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