

PRODUCT DESCRIPTION

SAAF Roof Coating 40 – 4001 is one component acrylic latex based, non-toxic and non-flammable coating, which upon drying forms a permanently elastic, weather & water-resistant membrane as a water & heat resistant.

FEATURES AND BENEFITS

- Applied easily by brush, roller or spray gun
- Excellent outdoor resistance to rain & heat.
- Doesn't contain any harmful solvents & tool cleaning is easy.
- Easy application to vertical & horizontal surfaces by brush/roller and spray gun.
- Good thermal insulation for buildings.
- High solar reflective and UV protection.
- Flexible and don't crack at low temperature

APPLICATION TOOLS

Brush, roller, spray gun or any suitable applicator.

RECOMMENDED USES

- For the perfect protective coating on roofs of administration building, factories, warehouse, exhibition halls, caravan & flat roofs on houses. It is preferred to apply directly on the concrete roofs to achieve optimum insulation.
- For waterproofing insulation over pre-applied Zinc coating & for coating water pipes on roofs exposed to sun & heat.
- For waterproofing insulation under the bathroom floorings & on the top surface of roof tiling.
- It is used as waterproofing, UV resistance & protective coating over polyurethane foam insulation.
- For waterproofing insulation over pre-applied Vinyl PVC & Aluminum sheets.

STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, dry, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close the container tightly when not in use

SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

PACKAGING

20 Kg Pail & 100 Kg Drum.

TECHNICAL DATA				
BASE MATERIAL	Acrylic Emulsion		TEMPERATURE RESISTANCE OF THE DRY ADH.	-10°C to +80°C
COLOR	White		ELONGATION AT BREAK	Approx. 200 % at 25°C
VISCOSITY AT 25°C ASTM D2196	11,000 – 15,000 CPs (Sp.# 7 @ 20 rpm)		APPLICATION TEMPERATURE	10°C Up to 50°C
SPECIFIC GRAVITY (MIX) ASTM D1475	1.2 – 1.3		FULL DRYING TIME	24 Hour (Depends on the Temp. and moisture condition)
pH ASTM D 1172	8 – 8.6		FLAMMABILITY	Nonflammable in wet and dry form
COVERAGE (APPROX.)	1.30 Kg/m2 (2 coats).			

APPLICATION METHOD

1. Make sure that the surfaces are dry, in position and ready for application.
2. Stir the product thoroughly before using.
3. Apply the 1ST coat on the required surface & then after 24 hours apply the 2ND coat to complete the insulation of the surface by using brush, roller or spray gun.
4. The method of application to be selected depending on the specific application & type of substrate.
5. In roofs as concrete and asbestos: First the substrate should be primed with Roof Coating diluted with water in 2: 1 Ratio.
6. In holes: filled with Roof Coating first it should be mixed with sand in 3: 1 ratio.
7. Accessible coated roofs should be placed and covered with a craft paper or similar on the top of the coat before topping with the sand cement screed.
8. Roof Coating can't be used for drinking water tanks & swimming pools.
9. Don't start work if rain is forecasted for the following 24 hrs.

CLEANING & DISPOSAL

- Wet material is cleaned immediately with Water
- The Tools & the excess material should be cleaned immediately with water before it gets dry
- Dry product may stains can be removed mechanically
- Dispose the waste according to the local regulations

SHELF LIFE

18 months shelf life when stored in it's original unopened container between 5°C to 39°C.

HEALTH & SAFETY

The product is generally safe, non-toxic and non-flammable in wet condition.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with product rinse with excess amount of clean fresh water and seek for medical advice. If swallowed seek medical attention immediately and do not induce vomiting help.

HMIS Rating

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

ADDITIONAL INFORMATION

SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website www.tigind.com