

# ROOFCOAT

## Elastomeric Acrylic Waterproof Coating



### DESCRIPTION

**ROOFCOAT** is a single component, acrylic based, liquid applied, high resilient, waterproof coating. It cures on exposure to atmosphere and forms an Elastomeric Seamless Membrane.

### BASIC USES

- Waterproof coating in Slope roofs, deck, and vertical walls (either concrete or cement) mortar, wood, and metal
- Over terrazzo tiles I asbestos roof
- Can be applied over spray applied polyurethane foam and other materials that are ultraviolet degradable.
- Under tiled waterproofing i.e., bathroom, toilets, and kitchens.

### ADVANTAGES

- Good Resistance against UV
- single component compound and ready to use from the container without mixing.
- No catalysts are necessary as **ROOFCOAT** self - cures when exposed.
- Provides a seamless (No joint) water proofing.
- Elastomeric
- Non-flammable, non-toxic and environmentally safe.
- Economical

### PHYSICAL PROPERTIES

Appearance	White
Solid content by Volume	40%
Specific gravity @ 25°C	1.28 ± 0.02
Tensile Strength	1.5 MPa, ASTM D412
Elongation	200%, ASTM D412
VOC Content	0 grams/liter, ASTM D2369
Service Temperature	-10°C up to 80°C
Minimum Application Temperature	5°C

### DIRECTION FOR USE

#### Surface Preparation

All surfaces must be clean and free of all, dirt, grease, or other contaminants which will interfere with adhesion.

All concrete surface to receive **ROOFCOAT** coating shall be cleaned by sandblasting or acid etching. If acid etching is used, 10% to 15% Muriatic Acid solution apply by mop or broom, this will be allowed to remain on the surface approx. 10 minutes, or until bubbling ceases. Surface will then be thoroughly washed with clean water to remove all residue and allow to dry. Voids and spaces with a diameter and depth of more than 3 mm should be patched with repair mortar.

#### Terrazzo Tiles / Asbestos Roof

Repair and Re-Grout tiles having damaged or washed-out joints, asbestos roofs and other roofing materials must be structurally sound prior to **ROOFCOAT** application.

All cracks of 1.5 mm and over must be routed or saw cut and sealed with Elastomeric Sealant such as **CEMTEC 30A** (single component polyurethane sealant) or filled with Repair Mortar such as **REPCON FC**.

#### APPLICATION

Prime porous and slightly textured surfaces with diluted/thinned **ROOFCOAT**, 4 liters water and 20 liters **ROOFCOAT** at a thickness between 100-150 microns.

At intersections of membrane and vertical walls, columns, pipes, and other penetrations including cracks and control joints, impregnate glass, cloth tape in between coats of **ROOFCOAT**.

Apply **ROOFCOAT** by airless spray, roller, brush, or squeegee at the rate of 1.0 liter /m<sup>2</sup> per coat. Allow to cure for 4-12 hours depending on ambient temperature.

Apply the second coat perpendicular to the first coat at the rate of 1.0 liter /m<sup>2</sup> and Allowed to cure. Apply the third coat perpendicular to the second coat at the rate of 0.5 liter/m<sup>2</sup> to achieve a total dry film thickness of 1mm. Each coat can be checked by averaging numerous measurements taken with a film gauge.

For heavy pedestrian traffic, it is recommended to use fiberglass scrim reinforcement, embedded firmly into the second coat while still wet. Final coat should be applied and make sure fiber glass scrim is covered.

#### COVERAGE

0.4 m<sup>2</sup>/ liter at 1mm DFT, depending on substrate profile.

#### PACKAGING

Available in 20 kg and 20 liters pail

## CLEANING

Clean all tools and equipment's with clean water after used.

## STORAGE

**ROOFCOAT** has a shelf life of 12 months if stored at temperature between 5°C and 40°C in the original unopened container.

## PRECAUTION & LIMITATION

- **ROOFCOAT** should not be applied at ambient temperature less than 5°C and dropping.
- **ROOFCOAT** should not be applied on substrates expected of having of rising in dampness or over free-standing water or having relative humidity greater than 75%.
- Opened containers should always be covered when not in use.
- Wear suitable protective clothing, safety goggles and gloves.
- In case contact with eyes/skin, wash with plenty of clean water.
- If shallowed, seek medical attention immediately.
- **ROOCOAT** is nonflammable.

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### Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high erformance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

**"High Quality Construction Chemicals"**  
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The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.