

# CEMSEAL LEAKPROOF

Fiber Reinforced Elastomeric Acrylic Waterproofing Membrane

## DESCRIPTION

CEMSEAL LEAKPROOF is a fiber reinforced elastomeric acrylic waterproofing membrane. It is formulated with selected elastomeric and resilient acrylic polymers and reinforcing polyester fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing. It conforms to ASTM D 412-02, BS EN 12390, ASTM D 4587, ASTM D 4541 & ASTM C 1202-97.

## ADVANTAGES

### Waterproofing

Waterproofing protection of up to 7 bars hydrostatic pressure.

### Crack bridging

Unmatched crack bridging ability due to elastomeric properties.

### Mechanical strength

Reinforced with glass fibers for superior abrasion resistance.

### Adhesion

Strong adhesion to masonry substrates.

### High sheen

High sheen, brilliant white colour and thick coat results in high levels of heat reflectance.

### Anti carbonation

Reduces carbon dioxide and chloride ion diffusion thus protecting re-bars against corrosion.

### Use & maintenance

Single pack, easy to apply and simple re-coating.

### Warranty

8 years Waterproofing warranty on terraces and vertical surfaces (please refer to warranty booklet for details)

## SPECIFICATION

**Available Packs** : 1,4,10,20 Litres

**Colour** : White

**Recommended System** : On RCC, plaster or primer, using brush or roller

**Coverage** : 10 sq. ft/ltr for double coat on terraces  
30-35 sq. ft/ltr for double coat on vertical walls

**Drying time** : 4 - 6 hours at standard conditions

**Recommended Usage** : Can be used on roofs, terraces, parapet, sunshades and vertical walls. It can also be applied on existing IPS, sound brick-bat coba or cementitious waterproofing.

**Shelf Life** : 2 years from date of manufacturing in original tightly closed containers away from direct sunlight and excessive heat

## TECHNICAL DETAILS

a. Form : Ready to use viscous liquid

b. Mix Density : 1.26 ± 0.02

c. Application temperature : 5°C to 50°C



## PRE PAINTING STEPS

- PLASTER** : New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces. .
- CLEANING** : Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use intense wire brushing or high speed waterjet for thorough cleaning.
- REPAIRING** : The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.
- FILLING FOR CRACKS** : For filling cracks upto 3mm use CEMSEAL KRACKFILL & CEMSEAL KRACKFILL+. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.

## APPLICATION PROCESS

- Application should be done as per the company's recommended system.
- Coverage should be 15 sq.ft/kg for 3 coats. (1 coat diluted + 2 undiluted coat)
- All cracks should be filled with Mixture of CEMSEAL KRACKFILL and CEMSEAL KRACKFILL before applying LEAKPROOF.
- Corner tape and roof tape should be applied between 2 undiluted coats of LEAK PROOF.
- If your terrace is covered with Tiles or China Mojek then need to apply CEMSEAL CEMCRETE as primer coat before application of LEAKPROOF
- Terrace parapet walls need to be covered while applying LEAKPROOF.

## POST PAINTING CARE

For the best performance of the LEAKPROOF, ensure proper washing and cleaning of all algae and fungal growth, if any, at regular intervals of six months.

## PRECAUTIONS

- Do not apply during rains or extreme temperatures.
- Avoid abuses which may lead to puncturing of membrane.
- Ensure that the product is applied at least 6 inches inside the drain pipe.
- For best results, apply parapet to parapet to envelope the entire building.

## SAFETY FEATURES

- Store the container with the lid tightly closed in an upright position, in a cool, dry place
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation
- Do not pour leftover paint down the drain or in water courses.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

## TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

## NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

### Address

**Plant 1** : C-1/B-96-97 G.I.D.C Industrial Estate, Kalol, Panchmahal, Gujarat - 389330

**Plant 2** : Plot no 30, Marble Market Sejbahar, Rajpur, Chhattisgarh - 492015

**Web** : [www.cemseal.net](http://www.cemseal.net) | **Contact no** : +91 90992 66166