



# ROOF SEAL

ELASTOMERIC WATERPROOFING MEMBRANE

## CONTACT

0300-5011991

## KAUFMANN CONSTRUCTION CHEMICALS

LAHORE • ISLAMABAD • RAWALPINDI

## DESCRIPTION

ROOF SEAL is a single component acrylic co-polymer based waterproof membrane coating having excellent flexibility and weatherproofing characteristics. Due to its excellent adhesion and thixotropic nature it is an ideal material for vertical and horizontal applications.

## USES

ROOF SEAL can be used for roof slabs, terraces, balconies, sunshades, parapet walls, etc. ROOF SEAL is ideally suited for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, and corrugated sheets.

## ADVANTAGES:

- Weatherproof / waterproof protective coating.
- Can be used on a variety of substrates such as concrete, asbestos, cement, zinc and GI sheets, timber, light weight concrete etc.
- High elasticity and tensile strength of the cured membrane enables it to accommodate roof movement.
- Easy to use, single component and bio-friendly material.
- Resistant to ultra violet radiation (UV).
- Anti-carbonation and chemical resistant coating.

## CHARACTERISTICS



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Color	White
Tensile Strength (ASTM D 865)	375 PSI
Elongation	560 %
Shore hardness	74kg/cm <sup>2</sup>
Tear strength	23 Kg/cm <sup>2</sup>
Adhesion to concrete	13.5 Kg/cm <sup>2</sup>
Abrasion resistance	abrasions wear (Wear index135)
Specific gravity	1.28@ 23°C
Recovery	90%
Solid content	65% minimum
Flash Point	NIL

## METHOD OF APPLICATION:

Surface preparation: The surface has to be cleaned thoroughly so that all dirt, oil, laitance, dust etc. is removed. In the case of metal surfaces, rust and other contaminated and loose particles shall be removed. All cracks shall be treated properly before the application of ROOF SEAL.

**ROOF SEAL** primer coat shall be applied by diluting 1 Kg with 2 liters of water by means of sprayer, brush or roller.

Application: First coat of **ROOF SEAL** shall be applied over the primed surface once the surface is dry. It is recommended to apply the second coat after first coat is fully cured. The glass fiber reinforcement, if required, shall be placed after the application of the first coat and 10 - 15% for second coat for workability and coverage.

**ROOF SEAL** must not be applied if it is raining or rain is imminent.

## COLOR

**ROOF SEAL** is available in white color. Other colors shall be made available on request.

## COVERAGE

1.5 Kg / m<sup>2</sup> for 2 coats (DFT 1mm)

## CURING LIFE

Touch dry - 1 hour  
Completely dry - 4-6 hours



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**SHELF LIFE**

Up to 1 year in closed container if stored properly.

**PACKING**

18 Kg pails

**TECHNICAL ASSISTANCE:**

For further details and assistance for specific application requirements and for other product information please contact KAUFMANN.



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