

# K2 DAMPCOAT

## Microfibre-Reinforced Acrylic Elastomeric Waterproofing Coating

### Description:

K2 Dampcoat is a microfiber-reinforced, elastomeric liquid-applied waterproofing membrane, formulated with acrylic polymers along with reinforcing polyester fibers. Upon curing, it forms a thick, seamless, and durable membrane that offers ultimate waterproofing.

- Easy application with brush or roller.
- Excellent flexibility with crack-bridging capability up to 2 mm.
- Strong adhesion to cementitious substrates.
- Resistant to UV, weathering, and abrasion.
- Fungal and algae resistant.
- Breathable coating allowing moisture vapour transmission.
- Highly elastic and resilient, accommodating structural movement.
- **8 years waterproofing warranty.**
- Non-toxic and safe for skin contact.

### Area of Application:

- Coating for concrete and plaster surface.
- Building slab, roofs, terraces, parapet, and exterior vertical walls.

### Benefits:

- Single-pack, ready-to-use formulation.

### Technical Properties:

Properties	Results
Appearance	White viscous liquid
Non-volatile content	50 – 60 %
UV resistance	Excellent, No thermal degradation
pH	≥ 8
Surface Drying Time	≥ 30 minutes
Algae & fungus resistant	No algae & fungus growth
Crack bridging	No cracks up to 2 mm width
Adhesion to concrete, 28 days	> 2 N/mm <sup>2</sup>
Tensile Strength, 28 days	> 2 N/mm <sup>2</sup>
Elongation	≥ 250 %

### Application Instruction:

#### SURFACE PREPARATION

- The Surface should be sound and clean, free from dust, grease, oil, loose material, paint etc.
- Clean the surface thoroughly with a wire brush or shot blasting if require and remove the loose particles.
- Repair the surface cracks up to 5 mm by K2 Krackseal Paste.
- Cracks more than 5 mm should be repaired by K2 Bond SBR modified mortar.
- All new cement, sand renderings/concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.

#### PRIMER COAT

- Before applying of K2 Dampcoat, a self-priming coat (20-30 % water dilution by weight) should be applied to the substrate. During self-priming, ensure that the substrate is in a Saturated Surface Dry (SSD) condition.
- Alternatively, you can use K2 UNIPRIME, diluted at a ratio of 2 parts UNIPRIME to 1 part water.
- Allow primer to dry for at least 4 – 5 hours.
- Apply with brush or roller.

#### APPLICATION PROCESS

- Use K2 DAMPCOAT directly from the container, Stir the container well before use.
- Apply the first coat of K2 DAMPCOAT without any dilution by brush or roller.

- Should be applied in one direction only, allow the coating to dry for 4-5 hours.
- The second coat should be applied in the Right Angle direction to the first coat. Allow it to air dry completely.
- In larger roofs, an open woven glass fibre mesh of 2.5 mm x 2.5 mm must be sandwiched between the first and second coat. While the 1st coat is still wet, place the fiber mesh on it. The second coat should be applied in the direction perpendicular to the first coat. Allow it to dry for 4-5 hours. Apply the third coat in the direction of the first coat and allow it to air dry completely.
- Allow the coating for dry and cure for minimum 7 days.

### Precautions:

- K2 DAMPCOAT does not apply on wet and damp surface.
- Do not apply when ambient temperature is below 10°C or above 45°C.
- Do not apply in direct sunlight or during rain.
- Do not dilute with water.

### Important Note:

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### Cleaning:

- Clean tools, equipment and hands with K2 SOFTCLEAN and warm water, immediately after use.

### Coverage:

- Vertical surface = 24 to 32 Sq.ft./ltr
- Horizontal surface = 10 Sq.ft./ltr
- The coverage may vary depending on the substrate condition.

### Packing:

K2 DAMPCOAT is available in 1 Liters, 4 Liters, 10 Liters and 20 Liters Pack.

### Shelf Life and Storage:

K2 DAMPCOAT has a shelf life of 12 months in unopened packs, if kept in a cool and dry store, away from sun heat.

### Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.