



Technical Data Sheet

Roofin-2K

Roofin 2K- (High Performance Fibre Reinforced Cementitious Waterproof Slurry Coating)

Description

Roofin 2K is a two component cementitious & acrylic flexible waterproofing & protective coating composed of best quality portland cement, properly selected & graded aggregates, additives & acrylic resin as binder. It is applied to waterproof and protect concrete and similar structures. specially formulated for Bathrooms, swimming pools, retaining walls, pile Heads, water tanks, sumps and a wide variety of structures because on curing it forms an excellent waterproof & protective layer over the substrate. It dries by evaporation to yield a tough, abrasion resistive and water repellent surface..

Technical Information

PROPERTIES	SPECIFICATIONS	RESULTS
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Form	2 part Compound (Powder+Liquid)	
Appearance of mix	Free Flowing Mix	
UV Resistant	Yes	
Colour	Greenish Grey	
Algae & Fungus Resistant	Yes	
Peeling Off	Free from Chalking and Peeling Off	
Drying Time	Within 60-90 minutes during Day time when exposed to Sun	

Features & Benefits

- * Water permeability -
Excellent resistance to ingress of water
- * Slip resistant -
Provides slip resistant coating.
- * Adhesion -
Excellent adhesion to concrete, and other natural stone.
- * For Waterproofing of Concrete structures.
- * Highly Water Repellant Compound
- * Abrasion resistance –
Highly abrasion resistive.
- * Weight addition –
Light in weight does not add extra weight over the roof
- * Toxicity –
It is non-toxic in nature.
- * Easy to apply. Can be applied using a Hard Brush.
- * Less Expensive
- * Long Life
- * UV resistant

Areas of Application

- * Concrete roof slabs, bathroom floors, balcony floor slabs.
- * Water tanks and swimming pools.
- * Waterproof coating (bottom coat) for granite and other natural stones.
- * Retaining Walls

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Method of Application

Surface Preparation: On Concrete Roof or Bathrooms or Tanks, the surface must be free from dust, loose material, paint, oil, or any material which may impair adhesion. Mechanical means such as wire brushing can be used. Finally vacuum cleaning of all loose solids and liquids can be done if required. Wet the surface by sprinkling water minimum one hour before application

Apply two coats of Roofin 2K. First wet the powder with water (about 2 litre per each 5.25kg powder in 15.5kg packing and about 1litre to 2.5kg powder in 3.5kg packing) and then add Hardener 2.5kg (half the can) per each 5.25kg powder in 15.5kg packing and 1kg to 2.5kg powder in 3.5kg packing Mix thoroughly to get a free flowing past and apply with thick brush at an interval of 2-3 hours between each coat. Allow the coated surface to air cure for 3 days

Precautions & Limitations

All corners, gaps, joints, protrusions & outlets shall be coated with one extra coat.

Do not apply during rains; substrate must be in SSD condition for application of first coat.

The product is designed only for foot traffic and not vehicular or movement of machinery or equipment.

Do not apply Roofin 2K over expansion or moving joints

Never Over dilute Roofin 2K with water for ease of application

Coverage

With 15.5kg packing about 200 sq.ft (2 coats) can be covered and with 3.5kg packing about 45 sq.ft (2 coats) can be covered

Other Details

Packing: **15.5kg & 3.5kg**

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. store in a cool and dry place.

Health & Safety Precautions

Skin Contact: Wash skin with soap & water. remove contaminated clothes.

On eye contact: immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Ingestion: not induce vomiting. never give anything by mouth to an unconscious person. Call a Physician.

General Information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known

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