

POLYPROOF-2K

POLYMER MODIFIED COATING

DESCRIPTION:

Polyproof-2K is a two component, thixotropic, cementitious waterproof coating with high adhesion to both steel and concrete. Polyproof-2K form a hard, highly alkaline coating with a degree of elasticity which not only protects the concrete, or other substrates, from the effects of aggressive gasses

ADVANTAGES:

- ✓ Requires only mixing on site as material is pre packed
- ✓ Easy to use and can be applied by brush or trowel.
- ✓ Good abrasion resistance and very high resistance to freeze/thaw cycles and de-icing salts
- ✓ Excellent adhesion to masonry and steel surfaces
- ✓ Non-toxic when cured.

AREAS OF APPLICATION:

Polyproof-2K can be applied on all kinds of roofs, portable water tanks bathroom sunken slabs, kitchens etc. It is also applied on basements, retaining walls, structural surfaces of cellars, concrete roof slabs, floors, balcony floor slabs, water tanks and swimming pools. Furthermore it can be applied on bridge decks, canals and dam wall, structural surfaces of dykes, waterproof coating (bottom coat) for marble, granite and other natural stones. It is also suitable for steam room waterproofing, sewage treatment plants.

SPECIFICATIONS:

Base	Acrylic
Colour	Grey
Appearance	Liquid (white)/ Powder (Grey)
System	Two Component (Liquid: Powder, 32:68 by weight)
Drying Time:	
Surface Dry	1-2 Hours
Hard Dry	6-8 Hours
Pot life @ 30° C.	45 mins – 1 hour.
Film Property	Tough yet Flexible
Coverage	20-25 sq.ft./kg/coat

PREPARATION:

Surface preparation is of prime importance. The surface must be clean, completely free from loose dirt, mortar droppings, grease, oils etc. and most important the surface must be firm. Loose, hollow or broken areas must be repaired with cement mortar. Bulk mixing should be done in another container by pouring the liquid first, thereafter the powder to be added slowly under stirring conditions. The mixing should continue until the mix is lump free for a minimum of 5 minutes and not for too long. For bigger packs a slow electric stirrer should be used for proper mixing as by hand it would be very difficult.

METHOD OF APPLICATION:

The prepared surface should be dampened with clean water. Care should be taken to remove excessive water or any standing water. The mixed material can now be applied by a stiff bristle brush achieving a minimum DFT of 200 microns per coat, ensuring that mix material is applied immediately as it has a limited pot life, finishing in one direction only, and allow drying for minimum 2-3 hours at ambient temperatures of 30°C. Subsequent or second coat, should be applied as soon as first coat is set hard depending on the problems or anticipated water pressure and type of structure being treated. Consult our technical engineer for guidance.

CLEANING OF TOOLS:

Clean hands tools with water immediately, any hardened material in the area can be removed by spatula, scrapper, etc.

SAFETY PRECAUTIONS:

Keep away from naked flames/lights. Do not smoke near application area. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

PACKING:

Available in 3 & 16 Kgs.

WARRANTY CLAUSE: *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*