



SUN SHIELD - 2K

PRODUCT NAME:

SUN SHIELD- 2K

MANUFACTURER:

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PRODUCT DESCRIPTION

SUN SHIELD - 2K is a specially formulated two component flexible polymer modified waterproof coating in brilliant white colour to reflect sunlight and help in keeping substrate cool.

BENEFITS

SUN SHIELD - 2K provides:
Excellent waterproofing
Good Crack bridging ability
Superior sun light reflection
Freeze/thaw resistance
Long term durability on exterior exposure.

APPLICATION PROCESS

Preparation: The surface must be clean, sound and fine pored. It must be free from grease, dust, pockets, cracks and ridges.

Mix Ratio

- 1) Mix one 25 kgs of SUN SHIELD - 2K Powder with 15 kgs of SS Part B.
- 2) Pour approx. 2/3 of the liquid component SS Part B into a container and add SUN SHIELD - 2K powder component whilst stirring until a lump free mass is achieved. Mixing time of 2-3 minutes is required. After that add the remaining SS Part B component and stir until a uniform consistency is achieved.
- 3) In hot climates a maximum 5% water can be added to the mix to improve workability

APPLICATION:

The substrate must be damp during application.
SUN SHIELD - 2K can be trowelled, rolled on, or sprayed on to the surface. Atleast two coats of SUN SHIELD - 2K are necessary. The applied thickness of the coating must correspond with the required minimum thickness for the expected conditions. Due to possibility of crack formation, avoid applying more than 2 kg per sq. mtr. (1mm DFT) in a single coat.

Note:

1. In hot and humid climates coating may become slight sticky during the curing process. If this occurs, do mist coating with water, 24 hours after application to ensure complete hydration of material.
2. Avoid direct sunlight during application.
3. Extended curing time may be required for highly humid and inadequate ventilated environment i.e. water tanks.

MAINTENANCE

Clean surface with a soap/detergent on a repeated basis and rinse with fresh water repeatedly.

SAFETY PRECAUTIONS

CAUTION – This product is not expected to be acutely toxic by single, oral, dermal, or inhalation exposure. It may be mild to moderate skin and eye irritants. It is suggested that these materials be washed from the skin with soap and water. **KEEP AWAY FROM CHILDREN.**

TYPICAL APPLICATIONS:

1. Roofs
2. Swimming pool
3. Water tanks
4. Exterior Coating

AVAILABILITY

Available through authorized dealers.

PACKAGING

SUN SHIELD - 2K Powder = 25 kgs.
SS Part B - Liquid = 15 kgs.

IMPORTANT NOTICE

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchant ability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such goods were defectively manufactured. The buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the non-conforming goods at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.



WARRANTY

All recommendations, statements and technical data contained herein based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his use of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person having any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations or statements other than those contained in written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

TECHNICAL DATA

Tension Strength:

28 d at 23° C, 50% r.h. = 0,8 N/mm²
28 d at 23° C, 50% r.h. = 0,5 N/mm²
(with 7 d water immersion)

Adhesion Strength:

28 d at 23° C, 50% r.h. = 1,3 N/mm²

Wet Adhesion:

28 d at 23° C, 50% r.h. = 1,0 N/mm²
(with 7 d water immersion)

High Temperature Resistance:

28 d at 23° C, 50% r.h. = 1,4 N/mm²
(plus 14 d at 70°C)

Resistance to Chlorinated Water:

28 d at 23° C, 50% r.h. = 0,95 N/mm²
with 7 d immersion in Na-Hypochlorit
solution with 0,3-0,6mg
per ltr. active chloride.

Resistance to CA (OH)₂:

28 d at 23° C, 50% r.h. = 0,93 N/mm²
(plus 14 d immersion in Ca(OH)₂ at
40°C.

Water Impermeability:

7 d at 4,5 bar = Watertight

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