



WATERGUARD™ I

HIGH PERFORMANCE, INSULATING POLYMERISED WATER PROOF COATING

BENEFITS

- Prepacked factory controlled, ensures consistent quality.
- Excellent resistance to water provides good insulation property (8°C variation).
- Minimum surface preparation is required.
- Can be applied on horizontal and vertical surfaces.
- Excellent flexibility.
- Easy to apply.
- Excellent bonding with the cement base substrates.
- Durable and High UV resistance.
- Non-toxic and corrosion resistant thus eco-friendly .
- Available in attractive white colour.

DESCRIPTION

WATERGUARD I is a two part polymer based waterproofing coating, specially designed polymer to ensure perfect water tightness, with insulating property to cool down temperatures and ensures the flexibility to cover the thermal stresses. **WATERGUARD I** has an excellent frost resistance and can be used on vertical and horizontal surfaces.

USES

WATERGUARD I can be used as a thermal insulation coating on concrete metal surfaces, roof slabs and walls of building. It can also be used on the interior and exterior walls, roof of freezer rooms and cold storage facilities.

PROPERTIES

Colour	: White coloured
Surface drying time	: 25-30 min.@30°C
Over coating time	: 3-4 hours
Service temperature	: 5°C to 45°C
Hardness Shore A	: 65
Water Penetration	: No water penetration
UV exposure 2000 hrs	: No
Thermal Conductivity	: 0.09 W/M°C
Heat Reflectance	: >99%
Emittance	: 0.89

APPLICATION

Surface Preparation : All seepage and water leakages must be stopped using **FAIRMATE WATERPLUG** plugging compound. (Refer relevant Data Sheet). Substrate must be sound, clean and free from loose particles or laitances or contamination and preferably be wire brushed. Where cracks are present, cracks must be repaired by using suitable crack sealing compound depending on the type of crack. Stirring should be done during application.

Mixing : **WATERGUARD I** should preferably be mixed mechanically by using an electric drill and paddle attachment. Pour the liquid polymer in the container first and add powder slowly while mixing continuously until an even homogeneous mix of brushing consistency is obtained.

Application : The prepared surface must be thoroughly wetted with water for absorption and excess water to be removed. **WATERGUARD I** must be applied in 2/3 uniform coats. Mixed **WATERGUARD I** will remain for 20 minutes @35°C. Mixing in small quantities is recommended. For moderate & heavy load areas minimum 2mm thickness coating is recommended.

Cleaning : All tools must be cleaned with water immediately after use. Hardened material should be removed mechanically.

PACKING & COVERAGE

WATERGUARD I is a prepacked two component system consisting of 10 kg powder + 5 kg liquid, specially designed polymer processed cement and fillers, which covers approximately 10 to 12 m² depends upon the substrates.

SHELF LIFE & STORAGE

WATERGUARD I will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY

WATERGUARD I is non-toxic and alkaline in nature but any splashes on the skin should be washed off with water.

SPECIFICATION

WATERGUARD I is a polymer based waterproof coating each to cover 10 to 12 m² per pack to be applied strictly in accordance with the instruction of FAIRMATE.



QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO (EMS) 14001 & OHSAS 18001 (Occupational Health and Safety) certified by ISOQAR / UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

OUR RANGE OF PRODUCTS

CONCRETE ADMIXTURES WATERPROOFING SYSTEMS ENGINEERING GROUTS INDUSTRIAL FLOOR SURFACES	CONCRETE REPAIRS SURFACE TREATMENT PREPACKED CONCRETE MORTAR PROTECTIVE COATING	HIGHWAY REPAIR LIQUID FLOOR WALL FINISHING SYSTEM
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"Contact us to discuss any potential requirement and you will be assured of a rapid and effective response - that's guarantee !!"



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