



WATERGUARD[™] A

POLYMER MODIFIED CEMENTITIOUS WATERPROOF COATING

BENEFITS

- Prepacked easy to use water proofing coating
- Ensures excellent water proofing characteristics
- Excellent adhesion
- Flexibility
- Allows surfaces to breath
- Economical and cost effective water proofing system.
- Minimum surface preparation needed.
- Non-toxic & ideal for potable water tanks.
- Good resistance to Co₂ & Chloride ion diffusion.
- Ease of application - brush applied.

DESCRIPTION

WATERGUARD A is prepacked two component powder and liquid polymer consists of processed cements and special fillers that can be applied on well prepared sound substrates to provide extremely tough durable waterproof render 2-3 mm thick for water tanks, basements etc. **WATERGUARD A** must be used in conjunction with **WATERGUARD T** or **WATERGUARD WM(F)** where water under hydrostatic pressure exists.

STANDARD COMPLIANCE

WATERGUARD A complies to **BS 6920 (Section 4.2.8 immersion test ASTM C 307)**.

USES

WATERGUARD A is used to all structures that are required to be waterproofed and protected against the ingress of moisture like Basements, Water tanks, Swimming Pools, Retaining Walls, Bridge Walls, Tunnels, Lift Shafts, Sewage Tanks, Reservoirs, Dams, Dock gates etc. **WATERGUARD A** provides a tough and durable coating and it cannot be easily damaged or worn out.

PROPERTIES

Pot life at 25°C	: 40 min.
at 35°C	: 20 min.
Consistency	: Brushable consistency
Color	: Grey
Application temperature	: 10°C to 40°C
Toxicity	: Non-toxic
Adhesion to concrete	: >1N/mm ²

APPLICATION

Surface Preparation : All leaks and water jets 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. Cracks if present shall be sealed/repared with **CRACKSEAL**. Stirring should be done during application.

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

Application : The prepared surface must be thoroughly wetted with water for absorption and excess water to be removed. **WATERGUARD A** must be applied in 2-3 uniform coats. Mixed **WATERGUARD A** will remain brushable 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

Packing	Coverage
18kg powder + 10 ltr. liquid	16.5m ² to 25m ²
9kg powder + 5 ltr. liquid	8.25m ² to 12.5m ²
0.81kg powder + 0.45 ltr. liquid	0.75m ² to 1.15m ²

Two or three coats are recommended.

SHELF LIFE & STORAGE

WATERGUARD A will have a shelf life of **24 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.

ADDITIONAL INFORMATION

For trowelled finish, **WATERGUARD A** can be used as primer followed by **WATERGUARD T** or **WATERGUARD WM (F)** which is to be troweled on tacky primed surface upto required thickness (recommended thickness is 5 mm to 10mm). See for separate data sheet of **WATERGUARD WM (F)** for more information.

WATERGUARD™ A



HEALTH & SAFETY

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

SPECIFICATION

WATERGUARD A is a polymer modified cementitious waterproof coating that can be applied over well prepared sound substrates to provide extremely tough durable waterproof render, which can be used strictly in accordance with the instructions 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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