



WATERGUARD[™] LIQUID MEMBRANE

LIQUID APPLIED SINGLE COMPONENT WATER BASED ELASTOMERIC WATERPROOFING MEMBRANE

BENEFITS

- Liquid application, easy to apply.
- No Joints.
- High build properties ensure rapid application.
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures.
- Thermal stability.
- Excellent adhesion.
- Can be applied to a range of substrates.
- Outstanding resistance to oxidation and brittleness.

USES

WATERGUARD LIQUID MEMBRANE is a single component high performance waterproofing membrane with high elasticity and low water permeability. **WATERGUARD LIQUID MEMBRANE** is particularly suitable for a wide range of applications including wet areas, foundations, basements, terraces, retaining walls, bridge abutments, planters, inverted roofs and remedial repairs to felt, asphalt, concrete, fibrous cement or other roof structures when protected from exposure to direct sunlight.

STANDARD COMPLIANCE

WATERGUARD LIQUID MEMBRANE complies to **ASTM C 836-84**.

DESCRIPTION

WATERGUARD LIQUID MEMBRANE is a highly elastic tough waterproofing system based on modified bitumens water based co-polymer. **WATERGUARD LIQUID MEMBRANE** is highly resistant to aggressive soils and soluble salts providing an effective continuous barrier and protection against water borne damage. **WATERGUARD LIQUID MEMBRANE** is ideally suited as a vapour/salt barrier to building facades behind granite, marble, stone cladding, and curtain wall elements.

PHYSICAL PROPERTIES

Colour	:	Black
Form	:	One component
Specific Gravity	:	1.1
Tensile Strength	:	2.5 N/mm ²
(ASTM D412)		
Elongation at Break	:	900%

(ASTM D412)

Cure time	:	24 hours approx.
Crack bridging	:	Up to 2mm
Base	:	Water based

APPLICATION INSTRUCTIONS

Surface preparation : All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-combs and high spots. Presence of curing agents, paint and oil will impair adhesion.

Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent - **FAIRCRETE SB(L)**.

Priming : Priming is not normally required on good quality, well prepared substrates.

Cracks : All shrinkage and non-structural cracks must be treated with not less than 1.5mm coating of **WATERGUARD LIQUID MEMBRANE** extending 75mm either side of the crack. Allow to cure overnight prior to general application.

Application : **WATERGUARD LIQUID MEMBRANE** should be applied by brush to obtain a continuous unbroken film. Two coats are required with the second coat applied at right angles after the first coat has cured. **WATERGUARD LIQUID MEMBRANE** must be protected from mechanical damage during subsequent construction or backfilling works. Any damage may be repaired by spot application. If a water flood test is to be run, the membrane should cure for a minimum of 10 days. Whilst **WATERGUARD LIQUID MEMBRANE** is resistant to frost, adhesion will be impaired if applied to frosted substrates. Application should be avoided if substrate temperatures are below 5°C or rain is imminent.

Special Notes :

1. **WATERGUARD LIQUID MEMBRANE** is recommended for properly prepared cementitious /concrete surfaces.
2. It is highly recommended that before application of the product, surface must be roughen or profile should be roughen mechanically.
3. It is not suitable and not recommended the application on smooth mosaic tile / ceramic and vitrified tile surfaces.

WATERGUARDTM LIQUID MEMBRANE



Cleaning : Application equipment should be thoroughly cleaned after use with water. Spillages should be absorbed with sand, vermiculite or similar and be disposed of in accordance with local regulations.

PACKING & COVERAGE

WATERGUARD LIQUID MEMBRANE is supplied in 20 kg pails. It has a coverage of 1.5 - 2 m² per kg at 1mm WFT. Coverage rate will vary with substrate condition and profile.

SHELF LIFE & STORAGE

WATERGUARD LIQUID MEMBRANE 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 LIQUID MEMBRANE should not come into contact with skin, eyes or be swallowed. Glasses, goggles and protective overalls should be worn during application. Refer Material Safety Data Sheet for further information.

SPECIFICATION

WATERGUARD LIQUID MEMBRANE is a single component highly elastic waterproofing membrane supplied in a 20 kg pail with a coverage of 1.5 - 2 m² per kg at 1mm thickness, used strictly in accordance with the instruction of FAIRMATE.

QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001-2000, 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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