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WHAT IS WATERPROOFING

BEST
WATERPROOFING
MATERIALS FOR YOUR BUILDING

● **What is WATERPROOFING**

It is the process of making a structure water-resistant or impervious to the ingress of water. Water-Proofing is essential to prevent water from penetrating buildings and also helps to keep the inside areas dry.

It helps in reducing the humidity inside the building, minimizing the damage done to furniture and alike.

● **PRODUCT DESCRIPTION**

POLYMER MODIFIED CEMENTITIOUS WATERPROOFING COATING USED IN:

- Basements and water tanks
- Swimming pools, retaining walls
- Bridge walls, tunnels
- Sewage tanks, reservoirs
- Excellent waterproofing
- Excellent adhesion
- Flexibility
- Resistance to CO₂ and chloride
- Ease of application



● WATERGUARD A

WATERGUARD A is used to protect the structure against the ingress of moisture. It is used in water retaining structures like water tank, swimming pools, lining wall, bridge walls, reservoirs, dams, dock as etc.

It is also used in andaround housecomponent like roof, terrace and balconies, basement, Lift shaft etc.

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
0.8kg powder + 0.45 ltr.liquid	0.75m ² to 1.15m ²

APPLICATION:

Surface Preparation : All leaks and water jets must be stopped using FAIRMATE WATERPLUG plugging compound. Substrate must besound, clean and free from loose particles or laitances orcontamination and preferably be wire brushed.



● **WATERGUARD PU MEMBRANE**

POLYURETHANE BASED TOUGH ELASTOMERIC WATERPROOFING MEMBRANE

It is used as a waterproofing or vapor barrier for protection of Foundations & Basement, Ground floors, Kitchens & bathrooms, Split slab, Terraces, balconies & patios, Car Park decks, Inverted roofs & sunken slabs, Tunnels.

ADVANTAGES

- ✓ **Chemical resistant** : Resists deterioration from dilute acids and alkali, oil, salts, bacteria, and common fuels.
- ✓ **Single component, Easy to apply.**
- ✓ **Applied by roller, brush, or airless spray.**
- ✓ **Tenacious adhesion and high elastic recovery.**
- ✓ **Long term resistance to ponded water.**



● **WATERGUARD LIQUID MEMBRANE**

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.

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.



● **WATERGUARD MAGIC**

INNOVATIVE WATERPROOFING SOLUTION

ADVANTAGES

- ✓ Seals cracks up to 2.00 mm.
- ✓ long-term waterproofing.
- ✓ If stubborn cracks are present easy to find and fix
No lifting of membranes required.
- ✓ Reseals future hairline cracking.
- ✓ Long-term performance.
- ✓ 100% trafficable after the first watering.



● CRACKFILL PASTE

READY TO USE FIBRE REINFORCED ACRYLIC POLYMERBASED CRACK FILLING PASTE

CRACKFILL PASTE is ready to use acrylic base crack filling paste. It can be used on all common type of building interiors and exteriors.

ADVANTAGES

- ✓ Ready to use.
- ✓ Easy to apply.
- ✓ Excellent finishing.
- ✓ Can be used on all common type of building interiors and exteriors.
- ✓ Available in attractive white colour.



● **FAIRSEAL DIMASEAL**

POURABLE GRADE TWO PART POLYSULPHIDE SEALANT

FAIRSEAL P is suitable for sealing horizontal structural expansion joint structures like building superstructures, subways, basements, PQC roads, floors, airport runways and reservoirs.

ADVANTAGES

- ✓ Excellent weathering characteristics with resistance to rain, snow, heat & ultraviolet light.
- ✓ It gets cured quickly with low shrinkage.
- ✓ Accommodates continuous and pronounced cyclic movement.
- ✓ Excellent adhesion to most common substrates.
- ✓ High resistance to ageing influences, physical damage and climatic extremes.
- ✓ Resistance to petrol, diesel, jet fuel and most other common solvents & also unaffected by mild acids and alkalies.



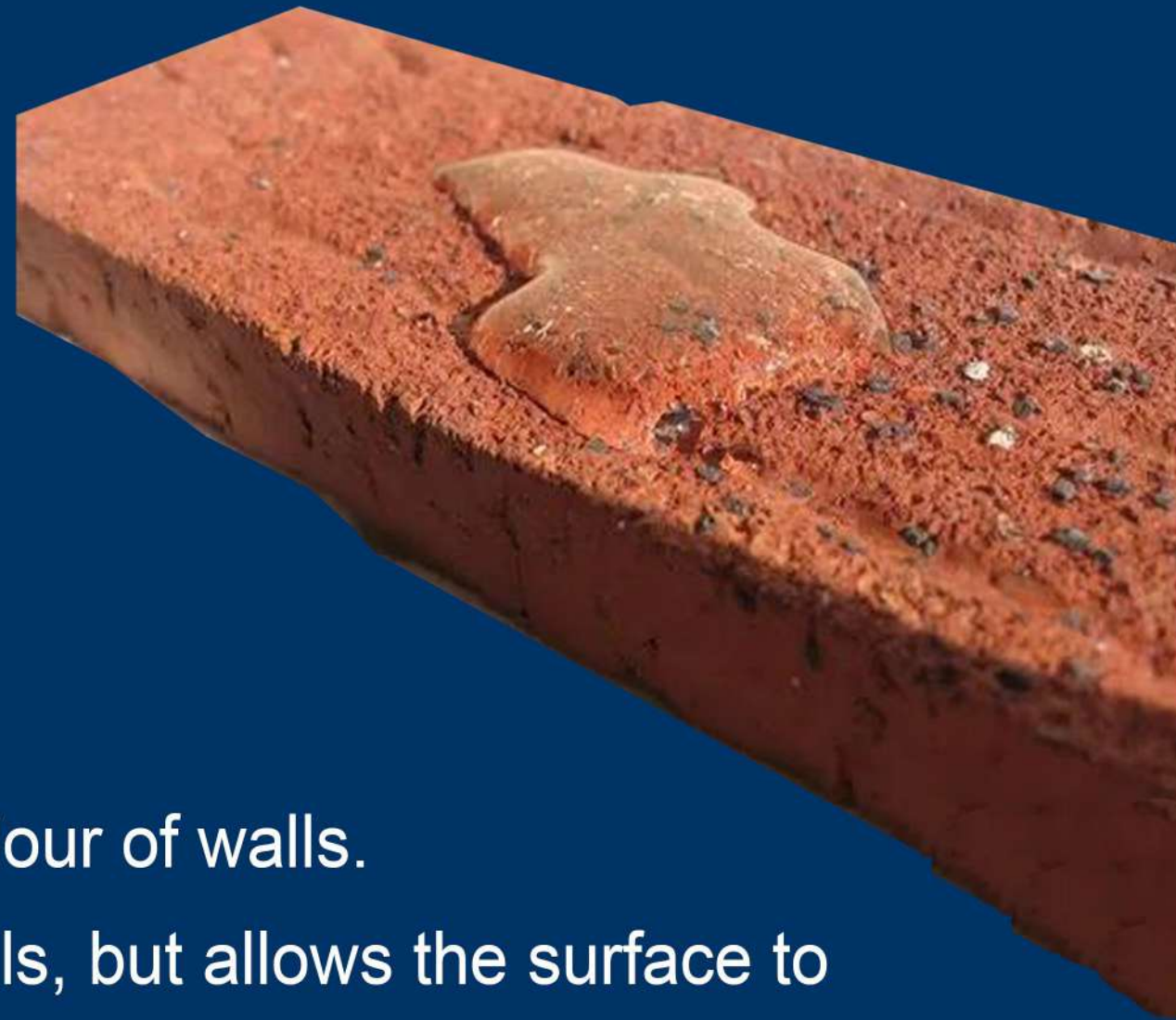
● **WATERREPELL S**

UNIVERSAL SILANE SILOXANE BASED WATER REPELLENT

WATERREPELL S is suitable for external application to exterior walls of brick or concrete blocks, cement renderings, asbestos cement, concrete and all types of stone, including limestone.

ADVANTAGES

- ✓ Excellent water repellent.
- ✓ Excellent resistant to UV light.
- ✓ Economical.
- ✓ Very easy to apply.
- ✓ Colourless hence maintains natural colour of walls.
- ✓ Prevents entry of moisture into the walls, but allows the surface to breathe.
- ✓ Minimises efflorescence and prevents growth of fungus.



● **WATERGUARD COOL COOL**

WATERGUARD COOL COOL is a single component, flexible, ultra violet rays, weather-resistant, & acrylic-based waterproofing coating. **WATERGUARD COOL COOL** provides extremely long-lasting protective coating that creates a thermal barrier that stands against severe temperatures & changes and provides long-lasting protection against wind and rain.

It protects concrete against attack from atmospheric carbon dioxide, airborne chlorides, acid, rain, weathering, etc.

WATERGUARD COOL COOL is ready to use, ensuring waterproofing. It also provides extremely tough decorative waterproof coating, which allows breathing on the surface.

SALIENT FEATURES

- ✓ Can be applied on vertical & horizontal surfaces.
- ✓ Colours are stable.
- ✓ Gives insulation properties.
- ✓ Flexible, Cost effective and easy to apply.
- ✓ Excellent water tightness.



APPLICATION PROCEDURE

All dust, loose and friable materials, and glaze or varnish on tiles must be completely removed by mechanical means. The prepared surface should be thoroughly wetted with water for absorption, and excess water should be removed. Waterguard Cool Cool should be applied in 2/3 uniform coats after mixing the pre-weighted quantities as per technical specifications. The second coat can be applied perpendicular to the first coat after the first coat is dry.

There can be overlapping of layers. It is recommended to wait for 6–8 hours before applying the second coat.

Sprinkle fine aggregates immediately after the second coat of application.



Minimum two coats are required to achieve the desired results. The pot life of Faircoat Dampproof is 80 minutes at 20°C. Apply the first coat using a spray (airless), brush or roller. After the application of first coat to achieve a non slip finish spread silica sand on the wet surface and let the surface dry for a minimum of 18 hours before applying 2nd coat. The overall thickness of both the coats shall be 200-250 micron, with an approximate coverage of 0.20–0.25kg/m².

In case the substrate is in damp condition a priming material such as Safecore WB primer shall be applied before the application of 1st coat of Faircoat Dampproof.

Salient Features:

- ✓ Provides excellent resistance to water, oil, grease and other solvents.
- ✓ Odourless material.
- ✓ It is Non flammable, Non toxic and Non- Hazardous.
- ✓ It is easily cleanable and possesses anti fungal properties.
- ✓ It can be applied on both dry and damp surfaces.
- ✓ Have good adhesion to concrete.



● WATER BASED WATERPROOF PRIMER

Waterproof primer, water based

Hue: Transparent

Packaging: 1lt, 5lt

Consumption: Spreading rate: 15 -20sq. meters per liter



Description:

STATUS DUR is a transparent, waterproof, acrylic, water-soluble primer, appropriate for its application on walls.

It is odorless and friendly to the user and the environment and therefore ideal for interior spaces as well. Its high penetrability makes it ideal for walls previously painted with water paint, lime or old low-quality paints, as it stabilizes the surfaces making them waterproof and providing better adhesion to the top coat.

Application Fields

- It is suitable for the preparation of each surface, such as plaster, bricks, concrete, walls etc. before the application with emulsion paints.
- The surface must be sound, clean, dry and free of dust, grease, rust, mildew and parting compounds, before the application.

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Advantages

- It is odorless
- It is ideal for interior spaces



PRIMER PU

Primer PU is a low viscosity single component solvent based moisture cure polyurethane primer especially formulated to significantly enhance the adhesion of Aquathane Range of waterproofing membrane with the most common construction substrates.

APPLICATIONS

Primer PU IS used to enhance the bond between Aquathane Range of products and the substrates in the following applications:

- High porous substrate such as normal grade concrete and red bricks.
- Impervious substrates such as aluminum, steel and glass.

COVERAGE

Primer PU should be applied in one coat or two successive coats at a rate of 5 - 10 m²/ltr depending on the substrate porosity to achieve a dry film thickness of 40 - 80 microns per layer.

● FAIRMATE NANOSIL NANOSILICONE BASED WATER REPELLENT

It is clear, water soluble, safe, penetrating sealer based on organo silane nanotechnology.

It penetrates deeply into the substrate and become an integral part of the structure.



FAIRMATE NANOSIL protects against mild dew, fungus, leaching staining, premature ageing, scaling, spalling, Corrosion of reinforced steel.
FAIRMATE NANOSIL is breathable, UV resistant and can also seals nanopores & nanocracks.

ADVANTAGES

- ✓ Provides excellent water repellency to the substrate.
- ✓ Water based & no harmful solvents.
- ✓ Forms clear film upon drying so does not alter substrate appearance.
- ✓ Reduces growth of mold, algae, bacteria etc...
- ✓ Simple application & no specially skilled applicators needed.
- ✓ Excellent water proofing agent useful for new existing concrete masonry structures.
- ✓ Faster reaction time

YOUR BEST WATERPROOFING GUIDE.....

