



HYDROBLOC

BUILT ON PERFORMANCE

AQUAREP

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Penetrating Water Repellant

Product Description:

AQUAREP is a highly effective waterproof agent developed to provide water repellency for porous construction materials such as aerated concrete block, cement, mortar, concrete, ceramic, tile, building insulation material and light weighted composite construction material etc. The active ingredients which are nano-sized penetrate deeply into the substrate and bond with them to form an anti-penetration layer on the surface. With the super low surface tension, it boosts excellent water repellency and fast beading action.

Key Features & Benefits:

- Stronger chemically bonded, long-lasting protection, good durability, good stability, extends the lifespan of building materials.
- Good penetration into porous substrate, good abrasion resistance.
- Resist water vapor, moisture and liquid water into substrate.
- One-way breathable, repair tiny crack (0.2 mm-0.4 mm).
- Quickly for using and quick dry. Especially perform well on high density concrete.
- Chemical resistance such as acid, alkali, chloride ion, carbonation, weather, UV resistance excellent.
- Frost proof, anti-freezing and thawing and resist low/high temperature (-50oC - 200oC).
- Does not change original appearance.
- Environmentally friendly.

Areas Of Application:

For use on cementitious substrates such as concrete and mortar that require water repellency. Such as all type of concrete cement for bridge infrastructure, port, pier, airport apron, highway pavement, overpass, parking lot, warehouse, refrigerated warehouse, city square, garage, building internal & external walls finishing and roof covering etc.

Mixing Instructions:

AQUAREP is ready to use.

Application Guidelines:

- Material surface must be clean and dry.
- Spraying, brushing, soaking or rolling are suitable for this application. Please apply under the condition of natural ventilation.
- Spray with suitable low pressure, 10 -15 cm distance away.

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PATSA
Protective Solution



AQUAREP

- After completely during, it will achieve an outstanding hydrophobic effect.
- Apply the material on substrate until it's thoroughly saturated. For middle or high-density substrate, wipe up excess liquid with a soft cloth after applying the product for 5 – 10 minutes.
- Don't put treated material to moisture or rain, place and dry in natural air. When the surface is dry, further treatment can be followed.
- Apply when the temperature is between 20C -45oC (35.6 - 113oF)

Coverage/ Consumption:

Max coverage: 4 -12 SQM/Liter

Note: Depends upon substrate density.

Curing & Protection:

24 hours

Packaging:

AQUAREP comes in 1Ltr, 5 Ltr & 24 Ltr Packaging.

Storage & Shelf life:

Store for up to 12 months in unopened packaging. Keep in cool, dry conditions away from frost and moisture and direct sunlight.

Health & Safety:

Avoid skin and eye contact. Use gloves, goggles, and protective clothing. Refer to the Safety Data Sheet (SDS) for full handling and disposal information.

Technical Data:

Property	Value
Appearance	Colorless
Odor	Slight odor
Specific Gravity	0.80 + 0.01 g/l
pH Value	: 6 - 7