

# AQUAREP

## 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.

### Advantages:

- Stronger chemically bonded, long-lasting protection, good durability, good stability, extend the lifespan of building material obviously.
- 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 (-50°C - 200°C).
- Does not change original appearance.
- Environmentally friendly.

### Technical Properties:

Remarks	: Curing in lab, 25°C
Appearance	: Colorless
Odor	: Slight Odor
Specific Gravity	: 0.80 ± 0.01 g/l
pH Value	: 6 - 7

### Consumption:

Max coverage : 4 -12 SQM/Liter  
Note: Depends upon substrate density.

### Usage:

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.

### Application:

- AQUAREP is ready to use penetrating water repellent.
- 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.
- 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, it needs to wipe up excess liquid with soft cloth after apply 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 2°C - 45°C (35.6 - 113°F)

### **Estimating & Supply:**

5 Liter & 24 Liter Packaging.

### **Shell Life:**

12 months when stored dry in the unopened condition.

