

Technical Data Sheet

Aqua-Proof

Description

It is a Two-component, highly flexible, waterproofing cement-based slurry, highly Water-proof, flexible, brushable consisting of a cement-based powder mortar (component A) and an emulsion resin (component B).

Aqua-Proof complies with the wet duty classifications A0 and B0 in accordance with the ZDB technical directive 2010 for waterproofing under plates and tiles in household wet areas, balconies and flat roofs. It also Complies with the requirements of the building regulation of crack bridging, bonding, waterproofing, resistance to alkalis, etc. for waterproofing under plates and tiles, as well as waterproofing of building structures.

Aqua-Proof is used for waterproofing surfaces made of concrete, plaster, bricks, cement blocks, terrazzo, gypsum boards, wood, metal, etc. Ideal in cases where high flexibility and good adhesion of the waterproofing layer are required. Suitable for waterproofing substrates subject to expansion-contraction or vibration and show or are expected to show hairline cracks, such as flat roofs, balconies, above ground water tanks, swimming pools, inverted roofs, etc.

It can also be used for waterproofing basements, internally or externally, against moisture or water under pressure. After hardening, it forms a seamless, jointless membrane, with the following advantages:-

- Crack-bridging ability.
- Total waterproofing against positive hydrostatic pressure up to 5 atm according to EN 12390-8.
- It can also withstand negative pressure Vapor permeability.
- Suitability for potable water tanks, as well as food contact surface according to W-347.
- Resistance to UV radiation.
- Protection of concrete from carbonation.
- No corrosive effect on the reinforcing steel in concrete.
- Resistance to sewage water (sewage water treatment plants, sewers, etc.).
- Resistance to aging.
- Bonding to slightly wet surfaces without priming.
- Simple and low cost application for green roofs, flower beds, etc., as it is certified as root-resistant.
- Also works as a radon barrier.

Certified according to EN 1504-2 and classified as a coating for surface protection of concrete. Also certified according to EN 14891 and classified as liquid-applied, two-component, water-impermeable product CM O2P for waterproofing under tiles, in external installations (walls and floors) and swimming pools.

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General Information

- Form Dry Powder &
- Liquid resin
- Color Grey
- Specific Weight 1.66kg/lit
- Granulometry <0.7mm
- Flammable Material NO

Technical Specifications

- Moisture : Excellent Resistance
- Ageing : Resistance Excellent
- Oil Resistance : Excellent
- Adhesion : Excellent
- Substrate Strength in flexion : 8,5 N/mm²
- Strength : 19 N/mm² compression
- Waterproofing : Excellent
- Shrinkage : No Based on EN 1504
- Application : Mixture composition 2.00kg/lit
- Mixture ph >10
- Maturing time Aprox :10min
- Workability time Aprox: 45min
- Application temp : +5°C - +35°C
- Open application time : Aprox 40min
- Final thickening time : 4-5 h
- Durability development time : 15 days

Cleaning

Clean tools with water immediately after use.

Storage and shelf life

In order to preserve the quality and usability of the product, it should be kept in its unopened packaging, on pallets or similar structures, in a cool and dry place. If these recommended conditions are met, the product will remain usable for 12 months from the manufacturing date printed on the packaging.

Health and Safety

This product is composed of cement which may cause skin irritation or an allergic reaction on skin and damage to eyes. Do not inhale any dust from this product. Gloves, goggles or safety glasses, and other protective clothing must be worn. Skin should be washed with excess water if contact is made. Eyes should be washed out continuously for several minutes with water and medical help should be sought. Dispose of any leftover materials in the proper waste collection area per local and national policies. This product should be kept out of reach of children.

Growell guarantees that the product is free from material flaws. If any product is found to be defective, the manufacturer's responsibility will be limited to replacing the product at the factory. Users must confirm with the company that the product is appropriate for their intended use and that they have the most current data sheet. The company reserves the right to make changes without notice. The technical specifications provided are for informational purposes only.

