

BestSeal AC409

Flexible polymer cement water-proofing membrane, two components

Description:

BestSeal AC409 is a waterproofing, sealing, two-component membrane, after curing form continuous waterproofing membranes, seamless, high elastic. BestSeal AC409 has ability of linking and adhesion with all silicate substrates such as brick surface, plaster mortar, concrete ...

Applications:

BestSeal AC409 uses in the following situations:

- Eaves, terrace, balcony, floor, and roof...before placing finish coats.
- Swimming pool, water tank, flooring, wall, basement floor, toilet, manholes... before tiling or finishing with other material.
- Pillars, beams, bridge abutment, pier ...

Advantages:

- Excellent adhesion property on many surfaces.
- High water vapor permeability allows the concrete to breathe.
- Can be used safely in a drinking water tank.
- The elasticity of products has the capability of covering cracks up to 0.75 mm.
- Long durability, suitable for internal or external use or water contacting
- Easy to apply, and by roller, sprayer, or brush.
- Non-toxic and non-polluted, friendly to the environment.

Technical Data:

Packaging: 24 kg /set.

Shelf life: 12 months from the date of manufacturing in unopened conditions.

Appearance:
 Component A: Milky white liquid.
 Component B: Light grey, dry powder.
 Mixture A+B: Thickened liquid, dark grey after cured.

Density:
 Component A: 1.025 ± 0.01 kg/ liter (25°C)
 Component B: 2.88 ± 0.02 kg/ liter (25°C)
 Freshly mixed mortar: 1.55 ± 0.05 kg/ liter (25°C)

Mixing ratio: A: B = 1:2 (by weight)

Application temperature (min.-max): +10°C - +35°C

Consumption: **Minimum:** 1.0kg/m²/layer/1mm. **Maximum:**2.0 kg/m²/layer/1mm.

Adhesion strength: ≥ 0.5 Mpa (BS EN 14891-2017)

Crack bridging ability: ≥ 0.75mm (BS EN 14891-2017)

Waterproof ability under pressure 1.5bar @ 7 days: Impermeable (BS EN 14891-2017)

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
 CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING
 PHỤ GIA BÊ TÔNG, XI MĂNG - HÓA CHẤT CHỐNG THẤM - VUA RỐT RỐT KHÔNG CO NGÓT - NỀN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ AN THIÊN - CEMENT AID - CONCRETE ADMIXTURE - WATERPROOFING - GROUTING - FLOORING - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING

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| Preparation of surface: | <p>Application substrate must be dry, sound, mainly smooth, clean, and fine pored. It must be clear of materials that prevent bonding, such as oil, rust,...</p> <p>Weak parts of the concrete must be repaired, and plasters that are not well adhered must be removed property before applying BestSeal AC409.</p> |
| Surface pre-treatment: | <p>With the cracking surface, it requires to be perforated at least 10mm in width, and a minimum depth greater than 1.5 times the width of the trench. The cut groove is U-shaped. Before filling with a BestBond repair mortar, all cement laitance, loose components, mold release agents curing membranes, and other contaminants must be removed by wet grit blasting, high-pressure water jetting, or other effective methods.</p> <p>With the water leaking surface, it must be perforated at least greater than 1.5 times to diameter of the hole and grouted by BestSeal CE201 at the water leaking place before applying with BestSeal AC409.</p> |
| Mixing: | <p>Before execution, Component A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 400 rpm). Minimum mixing time is at least 05 minutes or longer until having the best mixture as required.</p> <p>To achieve an identical mixture and no clumping, component A is added only into a minimum 15 liters pail; mixing and pouring slowly component B into; mixing until achieving the identical admixture, no clumping.</p> |
| Placing: | <p>Use a hard brush or sprays machine to coat the ready mixed admixture on the surface one by one layer (maximum thickness: 1mm). Apply the next layer after the first layer is totally dry (approx. 01 ÷ 02h, depending on heat, weather, and windy condition).</p> <p>In sunny and windy weather, it should be strictly obeyed the curing and humid condition of the surface when materials start hardening.</p> <p>Application time is 45 minutes after mixing step.</p> <p>Attention:</p> <ul style="list-style-type: none"> - Moisten surface but do not let puddles appear before applying. - Minimum 2 layers of BestSeal AC409 is highly recommended. - The second coat should be applied at right angles to the direction of the first coat. - Do not use expired and hardening material. - Do not add any materials to BestSeal AC409 even clean water. |
| Cleaning: | <p>Clean tools and equipment immediately after applying and before the mixture's hardening. In case of hardening, use the right mechanical methods to clean tools.</p> |
| Safety: | <p>BestSeal AC409 is an alkaline admixture. Two parts of the product is non-toxic and non-flammable.</p> <p>PPEs must be worn while applying BestSeal AC409.</p> |
| Disclaimer: | <p><i>The technical information and application instruction in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.</i></p> |