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BestSeal AC402

Polymer-cement waterproofing, sealing compound, two components

Description: BestSeal AC402 is a waterproofing, sealing membrane, two-components. After mixing, it becomes a composite silicate compound having hardness, toughness, and maximum adhesion, especially non-aging. BestSeal AC402 has the ability of linking and adhesion with all silicate substrates such as brick surface, plaster mortar, concrete ...

Application: Applicable to waterproofing surrounding walls, eaves, flat-proof, restroom floor, swimming pool, water tank, ...

Advantage:

- Good hardness, well-adhesive, resistant to cracking;
- Quickly dry, limit the risk due to weather;
- No crack or blister while thermal Change ment happens;
- Well waterproofing, long durability;
- Easy to apply, and maintain; Non-toxic, friendly to the environment;
- Do not cause polluted water when contacting directly;

SPECIFICATION

Packaging: 25 kg/set (Component A: 5 kg; Component B: 20 kg)

Shelf life: 12 months upon manufacturing date (In original, unopened package) In A cool, dry place

Color/Appearance: **Component A:** Milky white liquid; **Component B:** Light grey/dry powder. **Mixture A+B:** Thickened liquid

Volume mass (25°C): Component A: 1.02 kg/liter Component B: 1.20 kg/liter

Density (25°C): **Component A:** 1.02 ± 0.01 kg/L; **Component B:** 2.88 ± 0.02 kg/L
Mixture A+B: 2.10 ± 0.05 kg/L.

Application temperature: Minimum : + 10°C
Maximum: + 35°C

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

Chemical resistance: Resistant to water, alkaline solution, grease, and fuel.

Mechanical strength: Abrasion resistant, anti-cracking, high bonding strength, no peeling.

Bonding strength ≥ 1.0 N/mm² (at 28days on concrete, meet the requirement of ASTM D7234).

Mixing ratio: **Part A : Part B = 1 : 4 (By weight).**

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INSTALLATION

Surface condition	<p>The surface should be structurally clean, with no cracks, oil-free, and no grease or any other contaminant.</p> <p>The un-adhesive surface should be removed and properly treated before applying BestSeal AC402.</p>
Surface preparation:	<p>With the width of the crack greater than 5mm, 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. With the water leaking surface, it requires to widen the hole with a depth of at least 1.5 times the diameter and filled by BestSeal CE201 at the water leaking place before application with BestSeal AC402.</p>
Mixing:	<p>Component A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 400 rpm).</p> <p>The 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> <p>In the case of using it as a bonding mixture, the mixing ratio of component A is about 18 ÷ 20% to component B (by weight) to get the best mixture.</p>
Placing:	<p>Use a hard brush or short hair roller to coat the ready mixed admixture on the surface one by one layer (maximum thickness: 1mm).</p> <p>Apply the next layer after the first layer is totally dry (approx. 01÷02 hours, depending on heat, weather, and windy condition).</p> <p>In case of bonding or preparing, use component A for the first layer, then apply the mixture by trowel after the first layer drying. 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 since mixing time.</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 AC402 are 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, and add other material into BestSeal AC402.
Cleaning:	<p>Clean tools and equipment immediately after applying, before the mixture's hardening. In the case of hardening, use the right mechanical methods to clean tools.</p>
Safety:	<p>The product is harmless and non-flammable. Protective clothing is needed.</p>
Disclaimer:	<p><i>The technical information and application instructions 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>

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