

Jul. 2023 Version

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 chagement 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: 20 kg/set or 25 kg/set.

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 28 days on concrete) (ASTM D7234).

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

BESTMIX CORPORATION

www.bestmix.vn

HEAD OFFICE:
Lot D1, D1&N3 Rd., Nam Tan Uyen IP,
Tan Uyen Town, Binh Duong Province.
Tel: (027) 4365 3990 - 4365 3991
Email: info@bestmix.com.vn

HCMC OFFICE 1:
378-384 Cong Hoa Str., Ward 13,
Tan Binh Dist., Ho Chi Minh City
Tel: (028) 3810 7995 (7996, 7997)
Email: bm1@bestmix.com.vn

HCMC OFFICE 2:
23 Nguyen Huu Canh Str., Ward 22,
Binh Thanh Dist., Ho Chi Minh City
Tel: (028) 3899 0339 - 3899 0340
Email: bm2@bestmix.com.vn

NHA TRANG OFFICE:
989 Le Hong Phong Street,
Phuoc Long Ward, Nha Trang City
Tel: 090 545 3579
Email: bm3@bestmix.com.vn

CENTRAL BRANCH:
478B1 Dien Bien Phu Street,
Thanh Khe District, Da Nang City
Tel: (023) 6371 5299 - 6371 5399
Email: bm4@bestmix.com.vn

NORTHERN BRANCH:
TT6.2 - 65, Dai Kim Urban Area,
Hoang Mai District, Ha Noi City
Tel: (024) 3200 8234
Email: bm5@bestmix.com.vn

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>

BESTMIX CORPORATION

www.bestmix.vn

HEAD OFFICE: Lot D1, D1&N3 Rd., Nam Tan Uyen IP, Tan Uyen Town, Binh Duong Province. Tel: (027) 4365 3990 - 4365 3991 Email: info@bestmix.com.vn	HCMC OFFICE 1: 378-384 Cong Hoa Str., Ward 13, Tan Binh Dist., Ho Chi Minh City Tel: (028) 3810 7995 (7996, 7997) Email: bm1@bestmix.com.vn	HCMC OFFICE 2: 23 Nguyen Huu Canh Str., Ward 22, Binh Thanh Dist., Ho Chi Minh City Tel: (028) 3899 0339 - 3899 0340 Email: bm2@bestmix.com.vn	NHA TRANG OFFICE: 989 Le Hong Phong Street, Phuoc Long Ward, Nha Trang City Tel: 090 545 3579 Email: bm3@bestmix.com.vn	CENTRAL BRANCH: 478B1 Dien Bien Phu Street, Thanh Khe District, Da Nang City Tel: (023) 6371 5299 - 6371 5399 Email: bm4@bestmix.com.vn	NORTHERN BRANCH: TT6.2 - 65, Dai Kim Urban Area, Hoang Mai District, Ha Noi City Tel: (024) 3200 8234 Email: bm5@bestmix.com.vn
---	--	---	--	--	--