

BestSeal AC407

Flexible polymer cement water-proofing membrane, two components

Description:	BestSeal AC407 is a waterproofing compound, sealing, two components, after curing form continuous waterproofing membranes, seamless, high elastic. BestSeal AC407 can connect and bond for all types of surface materials
Application:	<ul style="list-style-type: none">Eaves, terrace, balcony, floor, and roof...before finishing with other materials.Swimming pool, domestic water tank, flooring, wall, basement floor, toilet, manholes... before tiling or finishing the surface with other materials.Pillars, beams, bridge abutment, pier ...
Advantage:	<ul style="list-style-type: none">Well adhesive with a variety of materials.Well flexible and elastic, minimizing thermal cracking.Long durability, suitable for external use or water contact.Allow vaporization; Easy to apply, maintain by roller, sprayer, brush.Non-toxic and non-polluted, friendly to the environment.

SPECIFICATION

Packaging:	8 ; 20kg /set.
Shelf life:	12 months upon manufacturing date (in original, unopened package).
Appearance:	Component A: Milky white liquid; Component B: Light grey, dry powder; Mixture A+B: Thickened liquid, dark grey after hardening.
Density (25°C):	Component A: 1.02 ± 0.01 kg/ liter Component B: 2.88 ± 0.02 kg/ liter Freshly mixed mortar: 1.98 ± 0.05 kg/ liter.
Mixing ratio:	Component A: Component B = 1:3 (by weight).
Application temperature:	Minimum: + 10°C Maximum : + 35°C
Consumption:	Minimum: 1.0 kg/m²/layer; Maximum: 2.0 kg/m²/layer.
Adhesion strength:	≥ 1.0 N/mm ² (at 28 days, on concrete, meet the requirement of ASTM D7234).
Water penetration speed:	≤ 2.25 x 10 ⁻¹³ m/s (under pressure 0.3 kgf/cm ²).

INSTALLATION

Surface condition:	The surface should be structurally clean, with no crack, oil-free, and no grease or any other contaminants. All cement laitance, loose components, mold release agents curing membrane, and other contaminants must be removed by wet grit blasting, high-pressure water jetting, or other effective methods.
Surface preparation:	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. With the water leaking surface, it requires to 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 application with BestSeal AC407.
Mixing:	Before execution, Component A and B should be properly mixed under the right ratio by slowly stirring (at speed of 300 ÷ 400 rpm). The minimum mixing time is at least 05 minutes or longer until having the best mixture as required. 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 until achieving the identical admixture, no clumping. In the case of using as bonding/repairing mixture, mixing ratio is A:B = (0.75 ÷ 0.80) / 3.0 (by weight).
Placing:	Use a hard brush or short hair roller 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 ÷ 02 hours, depending on heat, weather, and windy condition). 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. Application time is 45 minutes after the mixing step. <u>Attention:</u> <ul style="list-style-type: none"> - Moisten surface but do NOT let puddles appear before applying. - Minimum of 2 layers of BestSeal AC407 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 AC407 even clean water.
Cleaning:	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.
Safety:	The product is harmless; non-flammable. PPEs are highly recommended.
Disclaimer:	<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>

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 PHỤ GIA BÊ TÔNG, XI MĂNG, HÓA CHẤT CHỐNG THẤM, VỮA RỖT RỖT KHÔNG CO NGÓT, NÉN SÀN, KẾT NỐI, TRÁM BÍT, SỬA CHỮA, BẢO VỆ AN THIÊN, CEMENT AID, CONCRETE ADMIXTURE, WATERPROOFING, GROUTING, FLOORING, BONDING, SEALING, REPAIRING, PROTECTING, FINISHING