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BestSeal AC408

032-279-4111
Environmentally Preferred

Super elastic water-proofing membrane, one component

Description: BestSeal AC408 is a super elastic, one-component, nano-technology Acrylic Co-polymer waterproofing coating with extremely high adhesion strength.

Uses: BestSeal AC408 is waterproofed and protects items following:

- Eaves, balcony, flat roof, bathroom, tile roof, basement, outdoor wall...
- Water supply and drainage pipe, concrete, wood, or metal structures ...
- To fill the hole of metal sheet roofing, fill the crack concrete, fill joints...

Advantages:

- High tensile strength, bonding strength, and high elongation (no primer required).
- Able to seal wide cracks (up to 02 mm).
- Weather resistant, anti-ultraviolet ray, long-lasting durability.
- Anti-penetration of the roots so it is suitable for landscape flooring, flower beds ...
- Resistant to the impact of detergents, alkalis, animal and vegetable oils, seawater...
- One component, easy to apply with popular tools such as brush, roller, sprayer...
- Water-based, non-toxic, and does not pollute water sources (including running water) when in direct contact with the product.
- Non-toxic, non-flammable, non-odor, environmentally friendly.

PRODUCT INFORMATION:

Appearance / Color Viscous liquid / Light grey, white, cream yellow.

Chemical content: Acrylic Co-polymer is modified by nanotechnology, mineral powders, and additive.

Density: 1.35 ± 0.05 kg/liter.

Solid content: ≥ 65 % (by weight).

Consumption: 0.5 ÷ 0.8 kg/m²/layer (depend on surface condition).

Packaging: 5; 20; 25 kg/pail.

Storage: In a cool, dry place (5°C ÷ 30 °C).

Shelf – life: 12 months upon manufacturing date (In original, unopened package)

TECHNICAL PROPERTIES:

Tensile strength: ≥ 1.5 MPa (ASTM D412-16).

Tear strength: ≥ 15 N/mm (ASTM D624-00).

Bonding strength: ≥ 1.0 MPa (ASTM D7234-12).

Elongation at break: ≥ 250% (ASTM D412-16).

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Water impermeability:	Impermeable (water pressure of 1.5 bar for 7 days)	(BS EN 14891:2017).
Artificial Weathering:	Pass, 2000 hours, UVA-340 No cracking, no blistering, no separation, no surface chalking.	(TCVN 11994-3:2017, ISO 4892-3:2016).

GUIDE TO APPLICATION:

Surface preparation: Surfaces should be structurally clean, and oil-free, with no grease or any other contaminants. Use water pressure jetting to finally wash. Before applying, the surface must be saturated with water (but no water remains).

Placing: Use a brush, roller, or pressure nozzle to evenly distribute BestSeal AC408 over the entire prepared surface with the required amount in a certain direction. Curing material for about 6 to 8 hours (depending on weather conditions, and climate). When applying the second layer, it should be done in a direction perpendicular to the first application to minimize the process of air-entraining between the two layers of material.

- Notice:**
- Properly stirring before use.
 - Do not work on non-saturated or puddle surfaces.
 - Do not apply more than 1.2 kg/m²/ layer.
 - For the high absorbing surface. It is needed to dilute BestSeal AC408 with 10 ÷ 12 % clean water (by weight) to increase the deeply absorbing capacity into the substrate.
 - Apply at least two layers. Do not apply BestSeal AC408 while it rains. In case of rain when applying, stop the job and cover carefully all applied areas.
 - For the surface area under constant mechanical stress during use, it must be covered with a cement-sand layer (after 24 to 48 hours of application) to protect the BestSeal AC408 layer against mechanical stress on the surface.
 - BestSeal AC408 can self-maintain by air. (In the case of no protective cement-sand coating).

Cleaning: Clean equipment immediately after finishing and before the mixture has been hardened.

Safety: BestSeal AC408 is non-flammable light alkaline. The product could be allergic to the skin. Protective clothing is highly recommended. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

Disclaimer: *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.*