

BestSeal BP411

May 2020 Version

Highly Elastic Bitumen Polymer Waterproofing Membrane, Water Based, One Component.

Description: BestSeal BP411 is a highly elastic waterproofing compound, one component, modified water-based bitumen polymer. After applying, it forms a continuous waterproofing membrane has good adhesion to most types of material surfaces such as concrete, cement mortar, metal, etc.

Uses: BestSeal BP411 is used for items as below:

- Underground waterproofing layers for concrete and plaster surfaces.
- Roof floor.
- Balcony.
- Basement.
- Waterproofing for exterior walls, especially the outer walls of the basement

Advantages:

- One component, easy to apply by brush or spray nozzle.
- There's no need to priming, can be applied to dry or damp surfaces.
- Quick drying, forming a durable and flexible coating.
- High bonding and sealing all small cracks.
- Can be applied in closed or confined spaces.
- No-flammable, odorless, non-stick.
- Resistant to UV rays, weather and aging.

PRODUCT DATA:

Form/color: Thick viscous liquid/ Dark brown.

Packaging: 4; 18 kg/pail.

Storage condition: Store in original sealed containers under shade in a cool and dry environment at temperatures between 5°C ÷ 35 °C, avoid exposure to sunlight, ultraviolet, heat sources, will degrade the shelf life of the product.

Shelf life: 12 months from production date when stored properly in original unopened containers.

TECHNICAL DATA:

Density: 1.15 ± 0.02 kg/liter.

Solid content: ≥ 60%

Consumption: Approx. 0.6 kg/m²/layer (apply 2 – 3 layers)

Application temp.: 5 ÷ 45 °C

Dry time: Surface: about 1 hour depend on the application conditions
Fully dry: 7 days (@ 30°C, relative humidity 50%)

Bonding strength: ≥ 0.5MPa (to concrete surface, ASTM D7234-12)

Tensile strength: ≥ 0.5MPa (ASTM D412-16)

Elongation at break: ≥ 500% (ASTM D412-16)

Water impermeability at 1.5bar after 7 days: Impermeable (BS EN 14891:2017)

APPLICATION:

Surface preparation:

- All surfaces must be free from dust, loose particles and any contamination.
- All surfaces defects must be removed and repaired.
- The surfaces can be dry or damp but avoid standing water.

Applittication:

- Stir well the product before applying.
- Use a brush, roller or spray apply BestSeal BP411 on the entire prepared surface with the rate 0.5 ÷ 0.6 kg /m²/layer.
- It is required to ensure that the entire surface to be waterproofed must be covered with a uniform thick coat without pinholes.
- For waterproofing, apply 2-3 layers. Allow the previous coat be dry before applying the next coats in a direction perpendicular or diagonal from the previous coats.

Important notes:

- Do not apply on the surface where has standing water.
- Do not apply in rainy conditions. In case it rains during construction, the construction work should be stopped immediately and promptly cover the construction area from being directly affected by rainwater.
- Surfaces subject to direct travel need to be covered with a sand-cement mortar mixed with BestLatex R114, R126 after applying BestSeal BP411.
- Do not dilute the product with water or any other solvents.
- Keep containers tightly closed after use.

Cleaning:

Clean all equipment and tools with water immediately after use. Use oil or solvent when the products has dried.

Safety:

Protective clothing such as gloves and goggles should be worn when handling the product.
Treat any splashes to the skin or eyes with fresh water immediately.

Disclaimer:

The technical information and application instruction in documents of BESTMIX based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change features of our product, user must always refer the latest technology product.