

BITUFLEX-1001



WATER-BASED BITUMINOUS PROTECTIVE COATING

PRODUCT DESCRIPTION

Obaproof Bituflex-1001 is a low viscosity blend of water-based bituminous specially formulated to produce a tough and durable bituminous film when dry. Obaproof Bituflex-1001 also is a single component which is newly developed polymer of MMA, natural rubber, and polyurethane combines with the reaction with asphalt and then being modified and further emulsified to form elastic waterproof membrane.

USES

- Damp proof courses
- Suspended floors
- Terraces and balconies
- Corrosion protective to metal surface
- Bathrooms
- RC gutters and planter boxes
- Linings to tanks and pipes
- Below ground concrete protection
- Basements and fountains
- Retaining walls

ADVANTAGES

- Easy to apply
- Flexible
- Chemical resistant
- Single component
- Superb adhesive strength.
- Can apply directly on damp or wet surfaces.
- Efficient curing agent
- Abrasion resistant
- Good waterproofing properties
- Resistant to any bubbling or side osmosis
- Phenomenon even submerge in water for a long time.
- Capable of re-application.
- Quick drying
- Non-toxic.

IMPORTANT NOTES

1. Minimum ambient and substrate temperature is 5°C.
2. Never apply more than 2 kg/m² of Obaproof Bituflex-1001 in one single layer.
3. Apply only to clean, sound substrates where surfaces should be well dampened but free of surface water and leaks.

Form	Liquid
Color	Black
Density (CNS 6986, CNS 6988)	1.02
Full dry time	24 hours
Tack free time	30 – 60 mins
Overcoating	8 hours
Tear Strength (kgf/cm ²) (CNS 6986, CNS 6988)	11
Chemical Resistance (10% HCOOH, 60°C, 24 hrs)	No Changes on the surface of the sample
Shelf Life	1 year when unopened and undamaged
Storage Condition	Store in a dry cool place
Packaging	4kg / 18 kg pail



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SURFACE PREPARATION

All the surfaces must be clean, free from grease, oil, laitance, and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly.

For some difficult areas, such as the position of cracks, secondary joint, right angle of wall and the boundary of water jacket shall be strengthened first with one layer of Obaproof Bituflex-1001.

MIXING

Generally is not required but for smoother application, not more than 1kg of clean water can be added into 20kg of Obaproof Bituflex-1001.

COVERAGE

Waterproofing roof, bathrooms and kitchen:

0.5kg/m²/ per coat

- Waterproofing planter boxes, balconies, swimming pool and basements: 0.8kg/m²

NOTE

1. Obaproof Bituflex-1001 should be applied in minimum 2 coats.
2. Primer is required in areas of extremely high infiltration for better bonding.

APPLICATION

With 3 portion of clean water to dilute with permeable primer or 1 portion of Obaproof Bituflex-1001 with 3 portion of clean water and then plaster directly to the surface to be waterproofed, in order to improved the bonding.

With brush, roller, or spray method apply the first coat of Obaproof Bituflex-1001 on the application surface. Leave to cure for approximately 8 hours before applying second coat.

OVER COATING

After the primer, Obaproof Bituflex-1001 can be applying directly provided with areas exposed hot drying winds. For indoor areas, it is recommended that allow approximately 30 minutes after the primer. For more details, please refer to our Technical Department.

CURING

For optimum performance, Obaproof Bituflex-1001 should be allowed to cure for 8 hours before the finishing concrete, tiles etc and during this time precautions must be taken in order to prevent damaging to the coating.

CLEANING

Tools and equipment just can be clean with clean water immediately, after use.

SAFETY

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.

