

OptiBit WB

OptiBit WB is an economical rubberized bitumen waterproofing paint that forms a thick waterproofing membrane suitable for an assortment of waterproofing purposes. This product is suitable for long-term immersion in water and will not taint the water. OptiBit WB is compatible with most surfaces and even protects the surface from degrading. It is water-based, non-flammable, safe and easy to apply.

Colours: Black

PRODUCT USES

OptiBit WB can be used to waterproof:

- Non-exposed areas such as retaining walls and cavity walls.
- Cement dams and water features.
- Behind tiles in showers, bathrooms and kitchens.
- Gutters, roof joints and roof screws.

ADVANTAGES

- Safe and easy to apply.
- Economical and versatile.
- Forms a durable, tough, flexible and elastic waterproof membrane.
- Water-based and non-flammable.
- Can be built up to a thick, impenetrable membrane.
- Can be used on most surfaces and bonds well.
- Does not affect or taint water in any way once dry (one initial flush is recommended).
- Suitable for permanent immersion in water.
- Tools are easy to clean with water when still wet.
- Protects the substrate from degradation.
- Excellent weathering and ageing properties when coated with an approved UV protection coat.

COVERAGE

(Approximate depending on type and porosity of the substrate)

- Without reinforcing membrane: 1 liter per m² for a 2 coat application.
- With built up reinforced system: 3 liters per m² with Opt-Reinforcing membrane.
 - 0,4 litre per m² (primer, if required, diluted 1:1).
 - 1,3 litre per m² (bond coat - undiluted).
 - 1,3 litre per m² (saturation coat - undiluted).
- Rejuvenating coat: 1 liter per 2m² undiluted.

SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae and grease. Repair damage and return to sound condition.
- Porous surfaces: Prime porous surfaces with a thin coat (rate of 0,4 liter per m²) of OptiBit WB diluted 50:50 with water. Allow to dry (3 to 4 hrs depending on conditions).
- Metal surfaces: Prime metal surfaces with a solvent based bituminous primer.

APPLICATION

- **Mixing:**
 - OptiBit WB normally requires no dilution. Stir well using a flat paddle before use. Good mixing will improve its workability. Intermittent stirring during use is recommended.
- **Applying OptiBit WB without a reinforcing membrane:**
 - Apply OptiBit WB by brush or soft broom. Allow to dry.
 - A second coat should be applied at right angles to the first coat.
- **Applying OptiBit WB with a reinforcing membrane:**
 - A reinforcing membrane such as Opti-Reinforcing Membrane should be used to cover cracks, joints, corners and flashings.
 - Apply a thick first coat ($\pm 1,3$ litre/m²) of OptiBit WB.
 - Press the Opti-Reinforcing membrane firmly into the wet OptiBit WB using a fluted metal roller or gloved hand. Ensure a minimum of 50mm overlap of adjoining lengths of membrane, and 75mm for end laps. Press out any air pockets and creases in the membrane. Allow to dry (3 to 4 hours depending on conditions).
 - Apply a second thick coat of OptiBit WB onto the embedded membrane to ensure complete saturation (applying approx 1,3 litre/m² worked into the surface). Allow to dry.
- **Topcoating:**
 - It is essential that OptiBit WB be protected from UV exposure once cured. Overcoat with a protective coating, i.e. Bitumen Aluminium Paint. Consult the Optima Coatings Technical Helpline prior to applying other products.
 - A drying and curing period of minimum 7 days is recommended before permanent immersion in water or applying the protective over-coating.
- Alternatively OptiBit WB may be covered with tiles, slate, concrete or similar topping after 24 hours, depending on climatic conditions. OptiBit WB should not be left exposed to direct sunlight for longer than 1 month to avoid deterioration.

IMPORTANT

- Do not apply OptiBit WB if rain is imminent.

CLEANING

- Collect spills immediately with suitable absorbent material and wash contaminated areas with warm water.
- When wet: Hands, tools and spills can be cleaned with soap and water.
- When dry: Clean with Duram Xylene or Mineral Turpentine.

SAFETY PRECAUTIONS

- **Skin contact:** Wash thoroughly with soap and water.
- **Eye Contact:** Flush immediately with water for 10 - 15 minutes and contact a physician.
- **Respiratory problems:** Remove affected person to fresh air immediately and contact a physician.

TECHNICAL DATA

Pack size	1 litre, 5 litre, 20 litre
No of components	Single pack
Mixing ratio	N/A
Drying time	3 to 4 hours depending on climatic conditions.
Topcoating time	After full cure of 7 days
Light foot traffic	3 to 4 days
Curing time	7 days full cure
Volume solids	60%
Application temperature	10°C to 40°C
Flexibility	Good
UV exposure	Poor
Abrasion Resistance	Fair
Density	$\pm 1,1$ g/cm ³
Dry film service temperature	-10°C to 80°C
Solvent resistance	Not resistant
Water tainting	Non-tainting after good flushing after 7 days full cure
Water resistance	May be used under continuous water immersion.
Shelf life	12 months
Storage conditions	Cool dry place below 25°C. Container should be well sealed.

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

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