BIT SEAL PRIMER

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HYDROISOLATION

SOLVENT-FREE, BITUMEN PRIMER FOR TREATING SUBSTRATES BEFORE APPLYING A BITUMEN WATERPROOFING PRODUCT.

PRODUCT DESCRIPTION

· Bit Seal Primer is a one-component, solvent-free bitumen emulsion with good workability properties.
· Bit Seal Primer may be applied by brush or roller and is resistant to aggressive substances.
· Bit Seal Primer dries quickly.
· Bit Seal Primer consolidates and improves bonding of Bit Seal waterproofing treatments applied later. · Bit Seal Primer is resistant to ageing and adheres to dry substrates.
· Bit Seal Primer may be applied both internally and externally.

FIELD OF APPLICATION

For waterproofing and protecting:
· Before waterproofing foundations.
· Before waterproofing bearing walls.

SUITABLE SUBSTRATES

· Cold waterproofing masonry or concrete poured over bare ground.
· Waterproofing flat or curved surfaces on structures below ground level, such as man-made tunnels and underpasses.
· Waterproofing horizontal concrete structures below screeds isolated with PE sheets.

LIMITATIONS

· Do not dilute with solvents.
· Do not mix with cement or additives.
· Do not apply if the temperature is lower than +5°C or higher than +30°C.
· Do not use for waterproofing without a successive application.
· Do not use for waterproofing structures with water in counter pressure.
· Do not apply on old screeds and existing layers of bitumen.
· Do not apply on substrates containing tar.

Via Sorte, 2, 24030
Barzana BG, Italy

APPLICATION PROCEDURE

A) Preparing the substrate
The substrate to be treated must be mechanically robust and clean. Remove all cement laitance, traces of powder, flaky parts, grease, oil, and form release agents by sandblasting or washing down with a high-pressure water pump. If the substrate to be waterproofed and protected with Bit Seal Primer is in poor condition, remove the damaged parts manually or mechanical abrasion by using a hydro-demolition system or a hydro-scarified. The last technique, which uses high-pressure water, is recommended because the reinforcement rods are not damaged. The structures that are not subject to vibration could cause small cracks in adjacent concrete. Once the rust has been entirely removed by sandblasting, repair with a pre-blended repairing mortar. Absorbent surfaces to be treated with Bit Seal Primer must be primed with Bit Seal Primer. Existing floors, which are covered in tiles, must be well bonded to the substrate, and the surface of tiles must be free of substances that could compromise the adhesion of Bit Seal Primer, such as oil, grease, paint, wax, etc. In order to remove material that could affect the adhesion of Bit Seal Primer, clean the floor with detergents and water. After this, the surface must be treated with Bit Seal Primer.

B) Preparing the product
Ready to be used.

C) Applying the product
Bit Seal Primer must be applied in two layers with a brush or a long-haired roller. Before applying the second layer, wait until the first coat is dry, making sure the product becomes darker with a matt finish. The second layer is applied diagonally to the first one. The final thickness of the two layers of Bit Seal Primer must be at least 0.8 mm to create a solid, flexible, and continuous film. Ensure there are no interruptions in the film caused by imperfections in the substrate.

COVERAGE / CONSUMPTION
The approximate consumption is 0.2 – 0.5 kg/m2

PACKAGING
Bit Seal Primer is supplied in:
– 5 kg plastic buckets
– 20 kg plastic buckets

SHELF LIFE-STORAGE
Original sealed packaging of this product is guaranteed to be of first quality for 24 months if stored in a dry area. The high humidity will reduce the shelf life of the bagged product.

SAFETY INSTRUCTION
Bit Seal Primer is not considered dangerous according to the current regulations regarding the classification of mixtures. However, it is recommended to take the usual precautions for handling chemicals and wear protective goggles and gloves. For further and complete information about the safe use of our product, refer to the latest version of our Material Safety Data Sheet. PRODUCT FOR PROFESSIONAL USE.

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TECHNICAL DATA	
Product identity	
Consistency	Liquid
Color	Black
Density (g/cm²)	1.05
pH	10
Brookfield viscosity (mPa·s)	450
Dry solids content (%)	approx. 20
Application data (at +23°C and 50% R.H.)	
Recommended application temperature:	+5°C to +35°C
Waiting time between the coats on walls:	approximately 60 minutes
Waiting time between the coats on the floor	3-4 hours
Complete drying	12 hours

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