

ZELOGUARD 1060

One part modified rubber latex bitumen waterproof coating membrane.



TECHNICAL DATA SHEET

DESCRIPTION

- is a single component dark brown liquid that dries to form a thixotropic cold applied elastomeric bitumen emulsion coating that is flexible and strong waterproofing membrane.

PRODUCT FEATURES

- Zeloquard 1060 blends the waterproofing features of bitumen with the flexibility and crack bridging properties of rubber latex. The end product is a long-lasting, elastic film suitable for all water-proofing applications. Curing and waterproofing can be done in the same application.
- Zeloquard 1060 is a solvent-free and one part content.
- Non-flammable and non-toxic.
- Chloride and sulphate resistant.
- Strong coating that protects a wide range of substrates against damp and water vapor, including concrete, steel, and masonry.

TYPICAL USES:

- Zeloquard 1060 is appropriate for protecting all types of concrete and various adhesive applications.
- Tanking and waterproofing underground buildings using an impermeable membrane as a powerful vapor sealer and curing result.
- Zeloquard 1060 is specially developed water proofer and damp proofer for foundations, floors, walls, wet areas and roofs for new floors.
- It's also an excellent adhesive for wood blocks, wood mosaics, insulation boards, cork tiles, and expanded polystyrene.

APPLICATIONS INSTRUCTIONS:

- Surface Preparation; The surface must be clean and free of debris, particles, corrosion, or any other substance that may interfere with adhesion.
- Porous floors, such as concrete and fiber reinforced cement, should be primed with a 1:6 dilution of Zeloguard 1060 in clean water. Before the application process, old concrete and steel must be structurally sound and Steel has to be blasted and treated.
- Zeloguard 1060 can be applied directly to green concrete after removing the shutters to protect the foundation. Two coats at right angles should be carried out to provide complete covering of the area. To increase the DFT, use clean, sharp sand.
- Mixing; stir the contents completely to combine any solid components that may have formed at the bottom of the packing and obtain a homogeneous consistency.

APPLICATION:

- Spread two coatings of Zeloguard 1060 @ 1m² / liter / coat to the smooth, clean concrete floor.
- While the second coat is still tacky, blind with clean sharp sand that provides foot traffic protection and a key non smooth layer membrane.
- Make certain that the membrane has reached up the walls to connect with the damp proof course and that the dried film is not damaged. Apply the screeds to a minimum thickness of 50mm and let it to cure sufficiently before installing the floor covering as Zeloguard should be protected from damages & UV light as soon as possible after the application.
- If the substrate is especially porous, a third layer of Zeloguard 1060 may be required.
- Apply a priming layer @ 7.5m² / liter on current floors by mixing 1 part Zeloguard 1060 with 6 parts clean, cold water and wait to dry completely. Then apply two coats of Zeloguard 1060 @ 1m² / liter /coat, extending each coat up to the existing DPC joint. Before laying the floor covering, make sure the dry film is not punched or damaged.

IMPORTANT NOTES:

- Floor coverings having a high concentration of solvent or plasticizer should not be used over Zeloguard 1060.

APPLICATION METHODS:

- Zeloguard 1060 is spread using a brush, roller, or squeegee. A minimum of two coats should be applied.

COVERAGE RATE:

- The coverage rates vary depending on the density, porosity, and texture of the treated concrete. A typical covering rate of 2m²/liter for two coats provides 300 microns DFT.
- The drying time is affected by the surface and atmospheric conditions.

PACKING & STORAGE:

- Keep in a cool, dry storage in manufacturer-sealed containers for up to 12 months
- 18 liters and 180 liters containers are both available. Reseal after use, and make sure the product is stored in accordance with the label's instructions.

HEALTH & SAFETY:

- Zeloquard 1060 contains no hazardous substances; however, it should not be permitted to come into contact with skin and eyes. Wear appropriate protective gloves and goggles while
- using. When in contact with the skin and eyes, wash totally and quickly with warm water.
- Seek medical attention if you have swallowed something. Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations. Do not expose products to fire or naked flames under any circumstances.

PROPERTIES

- Appearance: Dark Brown liquid dries to black flexible membrane
- Flash Point: Non-Flammable
- Solid Content: 60%
- Rubber Content: 10% Min in DFT
- Specific Gravity: $1.04 \pm 2\%$
- Ph: 10.0-12.0
- Application Temp: +50C to 600C
- Dry Time: 1-3 hours
- Recovery at 350% elongation: >50% (ASTM D412)
- Standards Complies: ASTM D2939 & BS 8102