

ZELOGUARD DPC

One component bitumen rubber latex and flexible damp proof course membrane.



TECHNICAL DATA SHEET

DESCRIPTION

- A water-based, non-fibrated bitumen emulsion. It's a dark brown liquid that dries to a black flexible barrier film. The resulting films are strong and waterproof, providing a barrier to water and vapor transmission.

PRODUCT FEATURES

- Non-flammable
- Multipurpose
- Affordable
- Simple to apply
- Cold application
- Antifungal
- Resists salt attack in soil and below ground water.

TYPICAL USES:

- Basic waterproofing and damp proofing of concrete surfaces, asbestos, and cement in general.
- A coating to protect the built-up roofing system as well as exposed surfaces.
- Foundation protection, regularly on substructures such as retaining walls, abutments, and culverts, or damp proofing on ground floors, beneath vertical cladding panels, and other areas subjected to wet attack or moisture vapor penetration.
- Supports structural steel work protection

APPLICATIONS INSTRUCTIONS:

SURFACE PREPARATION:

- Remove any dust, fine elements, oil, or grease from the surface. Zeloguard DCP can be applied simply on treated concrete surfaces. If the surface appears dusty, apply one application of Zeloguard DCP diluted with an equal amount of clean water as a primer and leave to dry prior to the first coat.
- For Steel, prepare steel surfaces mechanically, preferably by grit blasting, to remove rust, emissions, or other small particles.

DIRECTION OF USE:

- Make sure the surface to be covered is clean and clear of any oil, grease, or typical curing agents. If the substrate is dusty or porous, prime it with a coat of Zeloguard DPC mixed with fifty percent of clean water and let it to dry before applying additional coats of Zeloguard DPC. It can be applied to a damp surface, but both the coating and the surface must dry before forming a barrier film.

APPLICATION:

- Stir the contents thoroughly to include any solid materials that may have settled at the bottom of the packing and achieve a homogeneous consistency. Apply using a brush, sweeper, roller, or squeegee. Allow adequate time 12 to 24 hours between coats and apply following coats at a 90-degree angle to the first.
- When using damp proof solids floors or applying a screed over Zeloguard DPC, apply a second layer at right angles and lightly grind to make a key.
- Take a minimum of 24 hours for curing before pouring concrete screed with a thickness of at least 50mm.
- A minimum of 2 coats of Zeloguard DPC are recommended.

COVERAGE:

- 2-4m² / liter/ coat depending on substrate porosity.

PACKING:

- Zeloguard DPC is available in 140 KGs 18 kgs & 180 kgs drums

NOTES:

- Wash the tools with soap and water before drying. In case the material has dried, remove as much as possible by manually scraping and then cleaning the rest with paraffin, white spirit, or cleaning solvents.
- Always store items in their original, unopened packaging in a dry place, away from direct sunlight, with a minimum temperature of 10°C but not exceeding 35°C.
- Packaging damage, high humidity, or extreme temperatures can all shorten the shelf life.

SAFETY INSTRUCTIONS:

- Due to a chemical-based product, caution should be taken while usage and handling to prevent touching the eyes, mouth, skin, and food. Eye and skin spills must be treated immediately. If you are unintentionally injected, get medical treatment instantly. After usage, close containers. Please see the MSDS for each TITAN-TECH product for further information.
- To avoid skin and eye contact, always wear proper PPE such as gloves, goggles, and a barrier cream.
- Under no circumstances can items be exposed to fire or naked flames.

PROPERTIES

- Flash Point: Non-Flammable
- Specific Gravity: 1.00
- Application Temp: +50C to 500C
- Solid Content: 35%
- Service Temp: -10oC to 850C
- Chemical Resistance: Excellent to water; dilute acids, alkalis, chlorides and sulphate ions
- Flexibility: Provide a firm flexible coating
- Standard Conforms: ASTM D 1227 Type 111 BS 6949: 1991
ASTM C309
- Composition: A blend of selected bitumen emulsified in water