

Bitugrade Proof

Cold Applied Bitumen

DESCRIPTION

Bitugrade Proof is used to provide damproofing for below-ground concrete structures situated above the water table. Additionally, it serves as a protective coating for built-up roofing systems and other exposed surfaces. The coating also acts as a moisture vapor barrier on block work and concrete surfaces before cladding is applied.

USES

- Waterproofing Concrete Surfaces: We apply it as either a primary or final layer in waterproofing systems for concrete surfaces, including tiled areas, ceilings, and moisture-prone surfaces.
- Insulating Building Foundations: It is utilized to insulate building foundations that are subject to moisture or groundwater.
- Insulating Internal and External Walls and Ceilings: It can be used to insulate both internal and external walls and ceilings against moisture and groundwater.
- Bonding Bituminous Insulating Panels: We employ it to bond bituminous insulating panels, enhancing their insulation effectiveness.

CHARACTERISTICS

- Resists damage from salts such as chlorides and sulfates found in soil.
- Simple to apply.
- Can be applied cold.
- Adheres well to concrete, metal, wood, cork, and more.
- Suitable for use in enclosed or confined areas.
- Water-based formulation.
- Highly versatile.
- Offers anti-fungal protection.
- Cost-effective.

PACKAGE

•Available sizes : 25L, 100L, 200L.

COVERAGE

Nominal dry film thickness of 125microns accomplished when applied at 4m²/L/coats, at necessary number of coats

APPLICATION

Thoroughly stir the drum contents before application to eliminate any sediment. You can apply the coating using a roller, brush, or airless spray. The coverage rate should be between 1-4 m²/L per coat, depending on the desired dry film thickness. For more demanding conditions, it's advisable to apply multiple coats. Subsequent coats should only be added once the previous one has completely dried. Note that coverage may vary based on the substrate's smoothness, porosity, and the required coating thickness.

Technical data

PROPERTIES	VALUES	TEST STANDARDS
Form	Thick viscous liquid	-
Color	dark brown	-
Density, [g/cc]	1.02 ±0.02	ASTM D 2939
Solid content, [%]	40±5	ASTM D 2939
Firm set, [hours]	24	ASTM D 2939
Application temperature, [°C]	5 to 55	-
Service temp, [°C]	-5 to 75	-
VOC [g/l]	<50	ASTMD3960/D2369

All values given are subject to 5-10% tolerance

