

MITUSHIELD



Polymer Modified Bitumen Protective Coating

DESCRIPTION

MITUSHIELD is a dark brown liquid blend of selected Bitumen which are an emulsified with water. It dries to form a black flexible protective coating. The cured film is tough and waterproofing which is resistant to the passage of water and vapors transmission.

PRIMARY APPLICATION

- Bond breaker for structural work
- Waterproofing agent for walls & floors
- Curing membrane for concrete
- Waterproofing agent for concrete and masonry
- Protective coating for below ground concrete

PROPERTIES

Bitumen Content:	60% MIN
Time b/w 2 coat:	Min. 2hours
Application Temperature:	(5°C to 50°C)
Specific Gravity:	1.10
Polymer Content:	15% MIN (Dry Film Basis)

Chemical Resistance

Water:	Excellent
Sea water:	Excellent
Alkalis:	Excellent
Dilute Acids:	Excellent

FEATURES/BENEFITS

- Cold applied
- Easy to apply
- Economical in use
- Solvent free
- Chemical resistance
- Bond to the concrete, steel, wood, cork.

STANDARDS COMPLIANCE

MITUSHIELD complies with a concrete curing requirement of ASTM C 309-93 when applied at a rate of 2m² per liter.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All surfaces, which are to receive the coating, must be sound and free from contamination such as oil, laitance, grease, wax, dirt or any other form of foreign matter, which could affect adhesion. For dusty surface the surface should be primed with **MITUSHIELD**, diluted with an equal quantity of cool clean water and allowed to dry.

APPLICATION

MITUSHIELD may be applied by brush, broom or squeegee.

It is recommended that 1-3 coats should be applied, depending on the degree of protection required. Each coat of **MITUSHIELD** must be applied at right angle to proceeding coat. An even covering of the entire surface must be ensured. Each coat of **MITUSHIELD** must be allowed to dry before the application of next coat.

MITUSHIELD must not be applied if it is raining or rain is imminent.

Where the **MITUSHIELD** is to take a screed, the second coat should be blinded with clean, dry sharp sand as soon as applied. The excess sand should be brushed off when the coating has dried.

PACKING

MITUSHIELD is available in 15 Kg, 200 Kg Containers

COVERAGE

0.75 - 1.5 Kg/m²
(Depending on the substrate)

STORAGE

Shelf life is 1 year unopened packs stored below 35°C in a shaded environment. If stored at high temperature the shelf life will be reduced.

PRECAUTIONS

Health & Safety

MITUSHIELD contains bituminous material. It has a possible risk of irreversible effect in contact with skin wear suitable protective clothing, gloves and eye/face protection. In case of accidental skin contact remove immediately with plenty of clean water and seek medical advice.

CLEANING

MITUSHIELD may be removed from tools and equipment with water when it is wet.

FIRE

MITUSHIELD is not flammable