

TECHFIN BITUMEN MB

HEAVY DUTY BITUMINOUS COATING

DESCRIPTION

TECHFIN BITUMEN MB is a bitumen emulsion in water which is an effective vapour barrier when applied to various building materials. A thick black coating that is flexible and easy to apply leaving a solid barrier that extremely effective.

ADVANTAGES

- Economical
- Easy and quick to apply
- Highly effective
- High degree of adhesion to a variety of surfaces
- Acid resistant
- Flexible

APPLICATIONS

- Vapour barrier between brick and block work in exterior double walling construction
- Protect steel from concrete when backfilled
- Protect concrete from acid or sulphate chemical attack
- Waterproofing and bond break barrier between old and new concrete when a 'floating' floor or shell is installed
- Used on roofs as a waterproofing membrane on slate, concrete, timber, iron etc.

TECHNICAL DETAILS

Appearance	Dark brown liquid
Application	Brush or block brush
Working Life	As long as the product is kept from drying out
Thickness	Varies on product viscosity from 1mm to 3mm.
Coverage	1-3m ² per liter
Colour	Black
Flash Point	Non-flammable
Solids Content	55%
Over-coating Time	24 hours
Film Thickness	1-2mm thick

WATCH POINTS

- Bitumen will bleed through any coatings so do not expose to surfaces that will require coating.
- Keep out of direct sunlight as the product will lose its flexibility.

PACKAGING

Packed in 5Lt and 25Lt plastic buckets.

SHELF-LIFE

Six months if kept in a cool place in a sealed container.

DIRECTIONS

PREPARATION

Concrete, brick, block and plaster surfaces to be coated with TECHFIN BITUMEN MB should be clean and free of dust and laitance.

PRIMING

For optimal penetration of the first coat, dilute the TECHFIN BITUMEN MB with an equal volume of water and brush in well.

COATING

Once the first coat has turned black and hardened, this indicates it is ready for the second coat. For heavier coats of TECHFIN BITUMEN MB for waterproofing under screeds it is advisable to use a glass fiber film between coats to give more body and to improve puncture resistance. In this case wet on wet application should be used to ensure a good bond between coats. The number of coats applied will depend on the level of waterproofing required from 1 coat as a general adhesive and protective coating to 3 coats for full waterproofing requirements.

SEALING

Not required.

PRECAUTIONS

Protect from freezing.

CLEANING

Clean all equipment and surfaces with mineral turpentine.

STORAGE

Store the product in closed containers in a cool place away from direct sunlight.

SAFETY

When cleaning, be aware of flammability of cleaning materials that will convert the product into a flammable product.

Gauteng

Kwa-Zulu Natal

Western Cape