



FLEXILE MEMBRANE BLACK

Seal Excellence with EWMB-112 Flexile Membrane

Advance German Chemical Technology

DESCRIPTION

Flexile Membrane Black is a robust elastomeric waterproofing solution crafted with advanced German chemical technology. This heavy-duty, single-component membrane with special-grade natural fillers provides excellent UV resistance, making it suitable for vertical and horizontal surfaces, including sloping surfaces. Its preventive properties extend to inhibiting the growth of fungus and algae, ensuring a crack-free performance.

ADVANTAGES

Single component, ready to use, applicable by brush or roller.
Excellent adhesion with various building materials, including wood and metal.
Crack bridging capacity up to 3mm.
Withstands structural movement, expansion, and contraction without cracking.
Tintable in variable shades.
Long-term durability, resistant to heavy rain, and monsoon.
Eco-friendly and non-toxic.
Durable and resistant to peeling, chipping, and separation.

AREAS OF APPLICATION

Ideal for roofs, terraces, metal, asbestos, terrace gardens, slopes, brick coba, R.C.C. chaajas, screed, swimming pools, balconies, sunken areas, baths, toilets, basements, foundation protection, podium slabs, ponds, masonry, and can be used as a sandwich membrane.

METHOD OF APPLICATION

SURFACE PREPARATION

Clean and wash the surface with alum, removing paint, dust, dirt, oil, grease, and unsound materials. Repair damaged or hollow areas with polymer-modified mortar. Ensure a proper slope with a standard 10' length requiring a 1' slope. Fill any wide surface cracks.

APPLICATION

Priming:

Primarily, for good quality, dense concrete or a high-quality concrete surface, priming is not necessary. However, Prime by Flexile membrane Black with 20% dilution by weight of chemical at SSD condition by brush, roller, or spray on fibercloth.

Primer coverage: 40 to 60 sqft/kg depending on surface porosity.

Touch drying time: 1-4 hours depending on weather conditions.

For 1st and 2nd coat

Apply Flexile Membrane Black by brush or roller for 1st coat and in the 2nd coat at intervals of 1 to 4 hours. However, during hot weather, a slight 5% dilution is recommended to enhance workability. It's essential to note that excessive dilution, particularly during hot weather, is not advised as it could impact the coating's durability and lifespan. Allow the coating surface to air cure for 72 hours. Fibercloth can be used.

Coverage

In metal: 40-50 Sq. ft./Kg

In asbestos: 30-50 Sq. ft./Kg

In concrete: 20-25 sq. ft./Kg

(Coverage depends on the porosity of the surface)

Thickness

1kg/20 SQ FT - 25 SQ FT. 1 mm thickness for long term durability.

to achieve a dry film of 1 mm in 2 coats.

2 coats are recommended for long-term durability.

Traffic:

Only light foot movement is allowed.

HEALTH & SAFETY PRECAUTIONS

Wear protective clothing, gloves, eye protection.

In case of skin contact, rinse with clean water.

In case of eye contact, clean immediately with clean water and seek medical advice.

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PRODUCT DATA

Colour: Brownish liquid, black on drying.

Solid Content: 80% \pm 2%

Finish: Smooth

Elongation: 200%

Specific Gravity: 1 to 1.08

Touch Dry Time at 25°C: Approx 30 minutes

Air Curing Time: 72 Hours Approx at 25°C.

Chemical Resistant: Good

Water Permeability: Zero

Crack Bridging: 3mm

Algae & Fungal Resistant: Excellent

Final Setting Time (Air Curing): 7 Days

LIMITATIONS

Do not apply on fresh concrete/plaster. Apply after 15 days of curing.

Apply in shaded areas, avoiding direct sunlight and strong wind exposure.

Ensure application on properly prepared surfaces.

Adhere to recommended maximum layer thickness.

Enhance waterproofing with a minimum of 2 coats; opt for 3 coats in areas of intense water penetration.

Safeguard newly applied material from rain and adverse weather conditions.

PACKING

10 KG, 20 Kg.

STORAGE

Store in a cool dry place, unopened, sealed pack.

Keep away from direct sunlight, below 30°C.

SHELF LIFE

18 months

DISCLAIMER

The information and recommendations provided are based on SCT's current expertise and product knowledge. While offered in good faith, these suggestions are not a warranty for merchantability or fitness for a specific purpose. Users are responsible for testing product suitability and complying with local regulations. SCT is not liable for any legal relationships arising from this information or advice.

GUIDELINES

- Product Suitability: Users must test product suitability for their application, Results may vary based on factors such as materials, substrates, and environmental conditions.
- Regulations: Adhere to local regulations and guidelines during product use.
- Technical Support: Contact SCT's technical team for application guidance.
- Updated Information: Consult the latest local Product Data Sheet for accurate information.
- Your use of SCT Waterproofing Chemicals implies agreement with this disclaimer and guidelines. For success and safety, follow recommended procedures and consult as needed.

