

MIG DHMb® Lining System**Exterior and Interior Application**

MIG-ESP® Bitumen Primer

Product Description

MIG-ESP® Bitumen Primer is a ready-to-use primer designed to prevent the penetration of bitumen components from bituminous substrates. Specifically tailored for the **DHMb® Lining System** (DHMb® = Double Hybrid Membrane), it is particularly suitable for preparing the substrate before applying the **MIG-ESP® Rooflect** coating.

Technical consulting service

Phone: +49 (0) 5258 - 974 82 0

E-Mail: info@mig-mbh.de

Application Area

The surfaces requiring priming, such as roofing felt, are securely sealed, preventing the potential permeation of bitumen components like wood tar and the resulting discoloration.

Prior to the subsequent application of **MIG-ESP® Rooflect**, it is imperative that the **MIG-ESP® Bitumen Primer** is thoroughly dried to achieve an outstanding bond between the substrate and the coating.

Substrate Preparation

The substrate must be clean, dry, solid and free from efflorescence, dust, and loose parts or release agents (e.g., formwork oil).

Dirty or sandy surfaces must be entirely cleaned through washing, brushing, or high-pressure cleaner depending on the substrate.

When cleaning with water, ensure adequate drying of the substrates.

Conduct a tensile adhesion on critical substrates.

Processing / Assembly

MIG-ESP® Bitumen Primer is ready to use. After thorough shaking, generously apply undiluted using a lambswool roller, brush or suitable spraying tool and allow for proper drying.

The object and ambient temperature should not fall below +5°C or exceed +35°C. Prior to commencing subsequent tasks, ensure that the primed surface is sufficiently dry.

The drying time is approx. 12 hours under normal conditions (+ 20°C/60 % relative air humidity). Lower temperatures and higher relative humidity may extend the drying time.

General Information

Do not mix with other types of materials. Adequately cover or protect adjacent components against splashes.

Clean tools thoroughly with water after use. Empty containers completely and dispose of them for recycling.

In cases of uncertainty regarding processing, substrate or structural particulars, seek expert advice. Otherwise, adhere to the provisions of current standards.

Technical Data

Application	on bituminous substrates
Density	1.05 g/cm ³ ± 0.05
Bonding agent base	aqueous dispersion
pH Value	7.5 ± 1.0
Colour	dries colourless
Drying time	approx. 12 hours
Processing temperature	+ 5°C to + 35°C

Consumption

MIG-ESP® Bitumen Primer is applied undiluted.

The coverage rate is approx. 0.15 – 0.25 L/m² depending on the substrate and the chosen application method.

Exact quantities can be determined by creating test areas.

Storage

At least 12 months shelf life from date of sale if stored dry, frost-free and cool under proper conditions in original sealed containers.

Packaging

5 L (per canister) x 96 canisters (per pallet) = 480 L
 10 L (per canister) x 60 canisters (per pallet) = 600 L
 20 L (per canister) x 24 canisters (per pallet) = 480 L
 1,000 L IBC

Customs Tariff Number

32099000

MIG DHMb® Lining System – Products

Coatings

MIG-ESP® Interior
 MIG-ESP® Exterior
 MIG-ESP® Interior Anti-Microbial
 MIG-ESP® Rooflect

Plasters

MIG 262
 MIG Therm M 65
 MIG Therm M 55
 MIG Thermalife® Ecoplaster
 MIG-HRP Heat Resistant Protector
 MIG-HRP 280 Bonding Agent
 MIG Therm L 14

Primers

MIG-ESP® Sealing Primer
 MIG-ESP® Special Primer
 MIG-ESP® Primer quartz-filled
 MIG-ESP® PVC Primer
 MIG-ESP® Primer for Wood (for indoor use only)
 MIG-ESP® Bitumen Primer

Sealing

MIG Sealer

Impregnation

MIG Impreg. Agent for Natural Stone Facades

Legal information

The information in this publication is derived from our current technical knowledge and experience. Given the multitude of potential influences during the processing and application of our products, users are required to conduct their own tests and trials. The provided details serve as general guidelines and do not constitute a legally binding assurance of specific properties or suitability for a particular purpose. Users are responsible for adhering to any industrial property rights, as well as existing laws and regulations.

With the release of this data sheet, all prior versions become obsolete.