MIG DHMb® Lining System

Exterior and Interior Application

MIG-ESP®
Sealing Primer

Product Description

MIG-ESP® Sealing Primer is a ready-to-use, colourless primer for waterproofing absorbent, mineral substrates, especially for the **DHMb® Lining System** (DHMb® = Double Hybrid Membrane).
It is suitable for outdoor and indoor use.

Technical consulting service
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Application Area

Substrates such as mineral base plasters as well as gypsum plasterboard are reliably hydrophobized, while the water vapour permeability of the substrates remains fully intact.
Before the subsequent application of **MIG-ESP® Interior** or **Exterior**, allow **MIG-ESP® Sealing Primer** to dry thoroughly to achieve an excellent bond between the substrate and the coating.
MIG-ESP® Sealing Primer does **not** prevent the discolouration or penetration of foreign substances in subsequently applied coatings.

Substrate Preparation

The substrate must be clean, dry, solid and free of efflorescence, dust and loose parts or release agents (e.g. formwork oil).
Dirty or sandy surfaces must be cleaned entirely through washing, brushing or high-pressure cleaner depending on the substrate.
When cleaning with water, make sure that the substrates are sufficiently dry.
For critical substrates, carry out a tensile adhesion test.

Processing

MIG-ESP® Sealing Primer is ready to use. After thorough stirring, generously apply undiluted with a lambskin roller, a brush or a suitable spraying tool and allow to dry.
For highly absorbent substrates, paint a second coat „wet-on-wet".
The object and ambient temperature should not be below + 5°C and not above + 35°C. Prior to application of subsequent coats, ensure that the primed surface is sufficiently dry.
The drying time is approx. 12 hours under normal conditions (+ 20°C/65 % relative air humidity). Lower temperatures and higher humidity extend the drying time.

General Information

Do not mix with other types of material. Cover adjacent components well or protect them against splashes.
Clean tools thoroughly with water after use. The containers must be completely emptied and sent for recycling.
Please consult us in case of doubt regarding processing, substrate or structural features. Otherwise, the provisions of the current standards apply.

Technical Data

Application	exterior and interior
Density	1.00 g/cm³ ± 0.05
Bonding agent base	aqueous dispersion
pH-value	8.0 ± 1.0
Colour	dries colourless
Drying time	approx. 12 hours
Processing temperature	+ 5°C to + 35°C

Consumption

MIG-ESP® Sealing Primer is applied undiluted.
The coverage rate is approx. 0.15 – 0.25 L/m² depending on the porosity of 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.

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As of: 07–2022

DHMb® Lining System

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

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)

Impregnation
MIG Impregnating Agent for Natural Stone Facades

Sealing
MIG Sealer

Plasters
MIG 262
MIG Therm M 65
MIG Therm L 14
MIG HRP Heat Resistant Protector
MIG Thermalife® Ecoplaster

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

Legal information

The information in this publication is based on our current technical knowledge and experience. Due to the abundance of possible influences during the processing and application of our products, they do not release the user from carrying out his own tests and trials and are only general guidelines. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from this. Any industrial property rights as well as existing laws and regulations must always be observed by the user on his own responsibility.
With the publication of this data sheet, all previous data sheets lose their validity.

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