

MIG DHMb® Lining System
For exterior and interior application

MIG-ESP® Sealing Primer



Product description

MIG-ESP® Sealing Primer is a ready-to-use, colorless primer for hydrophobicizing absorbent, mineral substrates especially for the DHMb® Lining System (DHMb® = Double Hybrid Membrane). It is suitable for interior and exterior use as well as for the subsequent application of MIG-ESP® Interior or Exterior.

Technical consulting services

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Application area

Substrates such as mineral base plasters as well as gypsum plasterboard are rendered hydrophobic reliably while their water vapor permeability is fully preserved. 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 MIG-ESP® Interior or Exterior. MIG-ESP® Sealing Primer does not prevent the discoloration or penetration of foreign substances for subsequently applied coatings.

Substrate preparation

The substrate must be clean, dry, firm and free from efflorescence, dust and loose parts or separating 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.

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 the subsequent application, 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 may extend the time.

Consumption

MIG-ESP® Sealing Primer is applied undiluted. The coverage rate is approx. 0.15 – 0.25 ltr/m² depending on the porosity of the substrate and the chosen application method. Exact quantities can be determined by creating test areas.

General information

Please consult us in case of doubt regarding processing or structural features. Do not add foreign substances. Stir material well before use.

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 ltr (per canister) x 96 canisters (per pallet) = 480 ltr
 10 ltr (per canister) x 60 canisters (per pallet) = 600 ltr
 20 ltr (per canister) x 24 canisters (per pallet) = 480 ltr

Technical data

Density	1.0 g/cm ³ + 0.05
Bonding agent base	aqueous dispersion of synthetic polymers
pH-value	8.0 + 1.0
Application	exterior and interior
Color	colorless after drying
Drying time	approx. 12 hours
Processing temperature	+ 5 °C to + 35 °C
Hazard warning label	not applicable

Customs tariff number

32041100

MIG DHMb® Lining System – Products

Primers

MIG-ESP® Sealing Primer

MIG-ESP® Special Primer

MIG-ESP® Primer quartz-filled

MIG-ESP® Primer for Wood (for indoor use only)

Plasters

MIG 262

MIG Therm M 65

Finish coats

MIG-ESP® Interior

MIG-ESP® Exterior

Legal information

The data contained herein are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data are to be construed as general guidelines only and do not relieve users from carrying out their own tests and experiments; neither do they imply any legal binding assurance of certain properties or of suitability for a specific purpose. Any property rights and existing laws and regulations must always be observed by the user at his own responsibility. With the publication of this data sheet all previous editions cease to be valid.