

MIG DHMb® Lining System

For exterior and interior application

MIG-ESP® Special Primer



Product description

MIG-ESP® Special Primer is a ready-to-use, solvent-free and alkali-resistant primer especially for the DHMb® Lining System (DHMb® = Double Hybrid Membrane). It is suitable for use in indoor and outdoor areas as well as for the subsequent application of MIG-ESP® Interior or Exterior.

Technical consulting services

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Application area

Suitable as a bonding agent for smooth, non-absorbent substrates. Before the subsequent application of MIG plasters as well as before the use of mineral and pasty products whose lack of pretreatment can lead to deflagration of the finish plasters. MIG-ESP® Special Primer prevents the discoloration or penetration of foreign substances for subsequently applied coatings.

Substrate preparation

The surface must be clean, dry, firm and free from 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 an adhesion test.

Processing

After thorough stirring, generously apply MIG-ESP® Special Primer undiluted with a lambskin roller, a brush or a suitable spraying tool and allow to dry. 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® Special Primer is applied undiluted. The coverage rate is approx. 0.20 – 0.30 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 special 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 bucket) x 60 buckets (per pallet) = 300 ltr

15 ltr (per bucket) x 24 buckets (per pallet) = 360 ltr

Technical data

Density	1.2 g/cm ³ + 0.1
Bonding agent base	copolymeric dispersion
pH-value	9.0 + 1.0
Application	exterior and interior
Color	white
Drying time	approx. 12 hours
Processing temperature	+ 5 °C to + 35 °C
Hazard warning label	not applicable
sd-value	0.14 m according to DIN EN ISO7783-2
Water absorption	W3 according to DIN EN 1062-1 W24 = 0.04 kg/m ² ·√24h
Water vapor permeability	V1/V2 according to DIN EN 1062-1

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® Primer for Wood (for indoor use only)

MIG-ESP® PVC Primer

Plasters

MIG 262

MIG Therm M 65

Finish coats

MIG-ESP® Interior

MIG-ESP® Interior Anti-Microbial

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.