

MIG DHMb® Lining System

Exterior and Interior

# MIG-ESP® Primer

## Product description

MIG-ESP® Primer is a ready-to-use, colourless priming coat for hydrophobizing absorbent mineral substrates especially for the MIG system. It is particularly suitable for indoor and outdoor use, as well as for the subsequent application of MIG-ESP® - Interior or Exterior.

### Technical consulting service

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## Area of application

The primed substrates, e.g. mineral base plasters, are reliably rendered hydrophobic without affecting their water vapour permeability. Before the subsequent application of MIG-ESP® - Interior or Exterior, allow MIG-ESP® Primer to dry out thoroughly to achieve an excellent bond between the substrate and MIG-ESP® - Interior or Exterior. MIG-ESP® Primer does not prevent discoloration or penetration of foreign substances in subsequently applied coatings.

## Substrate

The substrate must be mineral, dry, solid and free from efflorescence, dust and loose parts or separating agents (e.g. shuttering oil). Dirty or sandy surfaces must be cleaned thoroughly depending on the substrate by means of washing, brushing or high-pressure blasting. When using water to clean, make sure that the substrate is sufficiently dry.

## Processing/Mounting

MIG-ESP® Primer is ready for use. After thorough stirring, apply undiluted with a lambskin roller, brush or suitable spraying tool and allow to dry. For highly absorbent substrates, a second coat shall be applied wet-on-wet. The object and ambient temperature shall not be less than + 5 °C and not more than + 30 °C. Prior to the subsequent application, ensure that the primed surface is sufficiently dry. Under normal conditions (+ 20 °C / 65 % humidity), the drying time is approx. 12 hours; lower temperatures and higher humidity prolong this time.

**Consumption**

MIG-ESP® Primer is applied undiluted, approx. 0.15 – 0.25 l/m<sup>2</sup> depending on the absorption behaviour of the substrate and the chosen application method. Exact consumption quantities are to be determined by creating test areas.

**General information**

Please ask for advice in case of doubt regarding processing or special structural features. Do not mix with foreign substances. Stir material well before use.

**Storage**

Protect against frost. Min. 12 months shelf life in originally sealed container.

**Packaging**

In 5, 10 and 20 litre canister

**Technical data**

**MIG –ESP® Primer**

Density	0.99 + 0.05
Bonding agent base	Alkylalkoxysilane and –siloxane
pH-value	7.5 + 1.0
Application exterior	yes
Application interior	yes
Colour shade	colourless after drying
Drying time	approx. 12 hours
Processing temperature	+ 5 °C to + 30 °C
Hazard warning label	not applicable

**Customs tariff number**

32091000

MIG DHMb® Lining System – Products

Primers

MIG-ESP® Primer  
 MIG-ESP® Sealing Primer  
 MIG-ESP® Special Primer  
 MIG-ESP® Primer quartz-filled  
 MIG-ESP® Wood Primer

Plasters

MIG 262  
 MIG M 65

Coatings

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.