

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

# MIG-ESP® Primer quartz-filled

**Product Description**

**MIG-ESP® Primer quartz-filled** is a ready-to-use, solvent-free, quartz-filled and alkali-resistant primer, especially for the **DHMb® Lining System** (DHMb® = Double Hybrid Membrane). It is suitable for outdoor and indoor use.

**Technical consulting service**

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

E-Mail: [info@mig-mbh.de](mailto:info@mig-mbh.de)**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® Primer quartz-filled** 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® Primer quartz-filled** 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.

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	1.45 g/cm <sup>3</sup> ± 0.10
Bonding agent base	copolymer dispersion
pH-value	8.0 ± 1.0
Colour	white
Drying time	approx. 12 hours
Processing temperature	+ 5°C to + 35°C

## Consumption

**MIG-ESP® Primer quartz-filled** is applied undiluted.

The coverage rate is approx. 0.20 – 0.30 L/m<sup>2</sup> 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.

## Packaging

5 L (per bucket) x 60 buckets (per pallet) = 300 L  
 15 L (per bucket) x 24 buckets (per pallet) = 360 L  
 1,000 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)

### Plasters

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

### Impregnation

MIG Impregnating Agent for Natural Stone Facades

### Finish coats

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

### Sealing

MIG Sealer

## 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.