

**MIG DHMb® Lining System****For exterior and interior application****MIG-ESP®****Water Proofing for Natural Stone Facades****Product description**

**MIG-ESP® Water Proofing Agent for Natural Stone Facades** is a ready-to-use, colourless primer for waterproofing absorbent mineral substrates.

**Advantages**

**MIG-ESP® Water Proofing Agent for Natural Stone Facades** is a ready-to-use, water-soluble liquid for creating a colourless, water-repellent surface of building materials. It penetrates deeply into absorbent mineral substrates. This solvent-free, low-molecular agent protects mineral building materials from the ingress of water and dirt and prevents efflorescence.

**MIG-ESP® Water Proofing Agent for Natural Stone Facades** achieves active hydrophobisation with high vapour diffusivity for approx. 15 years (depending on exposure), resulting in long-term protection and value retention of the building.

**MIG-ESP® Water Proofing Agent for Natural Stone Facades** has a high alkali resistance and is therefore particularly suitable for substrates such as concrete, sand-lime brick, bricks, fibre cement, aerated concrete, porous lightweight concrete, plaster, masonry (especially mineral joints), clay terracotta, sandstone, bluestone, etc. Porous building materials such as hard-fired bricks, natural and artificial stones can be hydrophobised just as effectively as mineral paint coats. **MIG-ESP® Water Proofing Agent for Natural Stone Facades** penetrates into the substrate and dries colourless, guaranteeing the full vapour diffusivity of the treated substrates.

**Substrate**

The substrate must be clean, dry, firm 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.

**Processing**

**MIG impregnating Agent for Natural Stone Facades** is ready to use. It can be applied using a lambskin roller, a ceiling brush/wide paint brush, a flat brush or a suitable spraying tool. Apply generously and allow to dry thoroughly. 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. For large areas, it is recommended to apply by flooding, using a special sprayer/ construction sprayer. Ensure work safety. Cover adjacent components (doors, windows, glass surfaces, cladding, flowers, etc.) well. Splash or spray marks cannot be removed. Clean tools with water immediately after use and close containers tightly.

## Technical data

Density	approx. 1.0 g/ml
Bonding agent base	siloxane resin (mod.), with special emulsifiers (water as solvent)
pH-value	7.5 + 1.0
Application	exterior and interior
Colour	dries colourless
Drying time	approx. 12 hours
Processing temperature	+ 5 °C to + 35 °C

## Consumption

**MIG Water Proofing Agent for Natural Stone Facades** is applied undiluted. The coverage rate is approx. 0.3 – 0.5 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.

## 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 recycled.

Please consult us in case of doubt regarding processing, substrate or structural features. Otherwise, the provisions of the current standards apply.

## 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 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

32091000

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 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.