



MIG-ESP[®] Rooflect V10002

MIG-ESP[®] Rooflect V10002 for exterior applications
Based on DHMb[®] technology

Product description

LSM-free, environmentally friendly and odourless, MIG-ESP[®] Rooflect V10002 is a water repellent and solvent free facade paint with high water vapour permeability. It is silicate based according to VOB, part C, DIN 18363, developed for use on external mineral surfaces. White or refer to colour charts for more choices

Application

MIG-ESP[®] Rooflect V10002 is produced on the basis of potassium water glass and organic stabilizer, applicable to all mineral plasters, solid and efflorescence-free natural stones and sand lime brick masonry. MIG-ESP[®] Rooflect V10002 is also ideal for the renovation of old silicate coating.

Substrate

Suitable for use on all mineral plasters, solid and efflorescence-free natural stones and sand lime brick masonry, also ideal for the renovation of old silicate coating and plaster. Lacquer and dispersion coatings, substrates with salt efflorescence, natural stones containing iron as well as plastics, metals and wood are not suitable coating substrates. For substrates containing gypsum, a pretreatment with MIG-ESIP[®] Primer V1460 is required.

Processing

Apply MIG-ESP[®] Rooflect V10002 evenly with a lambskin roller, brush or appropriate spraying tool. The substrate must be dry, solid and free from dusts, loose particles or release agents. The object and surrounding temperature shall be no less than + 8 °C and no more than + 30 °C.

Due to the alkaline binder potassium water glass, cover adjacent building components carefully as a precaution.

Practical advice

With long-lasting protection of coating against algae and fungal infestation through special formulation with long-term repository effect. This product is always safe to use. Read product information before use.

In case of doubt regarding processing, substrates or special structural features, seek advice.

Special notes

Due to the alkaline binder potassium water glass, cover adjacent building components carefully as a precaution. Do not use on substrate containing gypsum. Do not mix with other types of materials. Mix well before processing. Cover adjacent components well to avoid splashing. Clean Tools thoroughly with water after use.

Quality

The use of approved and continuously controlled raw materials guarantees consistently high quality. State of the art manufacturing facilities ensure constant product properties.

Technical data

Material consumption	Depending on the kind of substrate and how absorbent it is, approx. 0.20 – 0.30 l/m ² . Attention: coarse surfaces may increase consumption. Precise amounts are to be determined by coating a test surface.
Drying time	Drying time under normal conditions (+ 20°C / 65 % air humidity) is approx. 12 hours. Lower temperature and higher air humidity may prolong the time.
Dilution	max. 10 % for primer coat,



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	max. 5 % for finishing coat
pH-value	11 ± 1.0
Application exterior	yes
Application interior	no
Water vapour permeability	High water vapour permeability (SD < 0.03 m) according to DIN 52615
Binding agent	Organo-silicate paint according to DIN 18363
Density	1.15 +/- 0.1 (g/cm ³)
Water absorption	W2 – water repellent (DIN EN 1062-3)
Formulation for winter	no
Opacity	Class 2 (DIN ISO 6404-3)

Storage

Protect against frost. Min. 12 months shelf life in originally sealed container. See label for date of manufacture.

Delivery form

5/15 liter in pail

Customs tariff number

32099000

Legal information

The information contained herein is based on our current technical knowledge and experience. It only provides a general guideline and therefore does not free the user from making their own tests and trials due to the multitude of factors that may affect processing and application of our products. A legally binding guarantee of certain properties or fitness for a particular purpose cannot be derived. Proprietary rights and existing laws and regulations must be observed by the user on their own responsibility. This data sheet replaces all previous versions.