



New Guard Coatings Group

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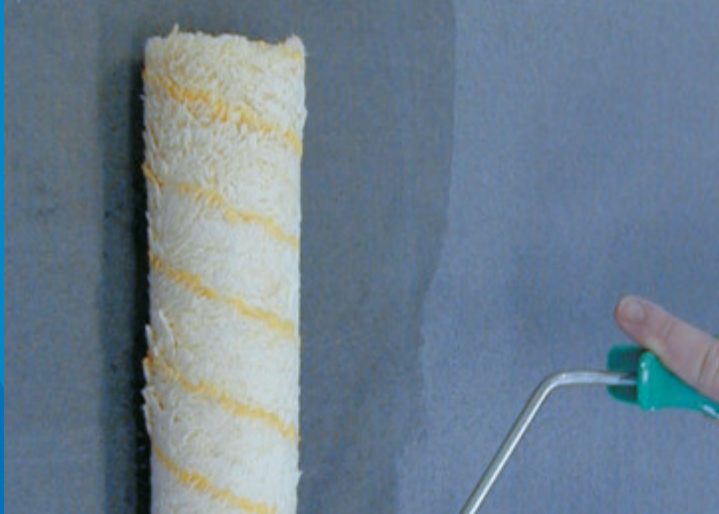
This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

MALECH

Acrylic water-based primer. Smooth finish and bonding promoter



WHERE TO USE

Malech is used as a primer for wall surfaces in general (e.g. concrete or repairs with cement mortars) before applying a coloured finishing coat from the **Elastocolor**, **Quarzolite** and **Colorite** range, used as regulator of substrate absorption and as adhesion promoter.

Malech can also be used in the **Aquaflex System** cycle for permanent encapsulation of asbestos as a primer for covering layers of **Aquaflex**.

Some application examples

- As a primer on well cured new or old renders as long as they are not damaged, before applying a coloured finishing coat of **Elastocolor**, **Quarzolite** or **Colorite** range product.
- As a primer over old paint, even if slightly chalky, before applying **Elastocolor**, **Quarzolite** or **Colorite** coloured finishing coat.
- As a primer on surfaces that need to be treated in close or poorly ventilated environments because **Malech** is odourless, before applying a product from **Elastocolor**, **Quarzolite** or **Colorite** ranges.

TECHNICAL CHARACTERISTICS

Malech is a micronized acrylic resin based primer in water dispersion that, once applied on the surface, penetrates better than traditional water based primers.

Malech is odourless and solvent free, therefore can be applied in close or poorly ventilated environments.

Thanks to **Malech**'s formulation, it ensures the consolidation of chalk present on surfaces that need to be treated.

Thanks to **Malech**'s deep penetration into the surface, it slows down the formation of efflorescence.

RECOMMENDATIONS

- Do not use **Malech** on metal surfaces.
- Do not apply **Malech** on wet surfaces.
- Do not apply **Malech** at temperatures below +5°C.

APPLICATION PROCEDURE

Preparation of the substrate

New surfaces that need to be treated or small repairs with repair mortars must be cured, perfectly clean, sound and dry. Remove from the surface all traces of oil or grease and any loose material that is not perfectly bonded.

Seal any cracks and repair deteriorated surfaces.

Seal any porous sections and level any uneven parts of the substrate.

Preparation of the product

- **Interior application:** dilute **Malech** with water at a variable rate depending on the type of substrate. As a general rule, it is suggested a dilution **Malech**/water in a ratio of 1/1 for more absorbent substrates and 1/2 for less absorbent substrates, in

order to avoid the forming of a glassy film on the wall surface.

· **Exterior application: Malech** is used as it is in case of porous and very absorbent substrates. In case of other types of substrate, dilute **Malech** with up to 50% of water according to the absorbency, in order to avoid the forming of a glassy film on the wall surface.

Application of the product

Mix **Malech** before use and apply it with a brush, roller or spray.

Protect from pouring rain for at least 12 hours.

Malech can be painted after 12-24 hours depending on the environmental conditions.

CLEANING

Brushes, rollers or spraying equipment (airless) should be cleaned with water before **Malech** dries.

CONSUMPTION

0.10-0.15 kg/m² depending on the porosity of the substrate.

PACKAGING

10 and 2 kg drums.

STORAGE

Malech can be stored 24 months in a dry environment in its original packaging at temperatures between +5°C and +30°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	trasparent
Density (ISO 2811-1) (g/cm ³):	approx. 1.01
Dry solids content by weight (ISO 3251) (%):	approx. 15
EMICODE:	EC1 Plus - very low emission
APPLICATION DATA	
Dilution rate: – interior application: – exterior application:	with 100% or 200% of water depending on the absorbency of the substrate as it is or up to 50% of water depending on the absorbency of the substrate

Waiting time before painting over:	12-24 hours depending on humidity and temperature conditions and, in any case, only when the previous layer is completely dry
Application temperature:	from +5°C to +35°C
FINAL PERFORMANCE	
VOC content of the ready-to-use product (European Directive 2004/42/EC) (g/l):	≤ 5

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

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