



**MAPEI**

# Malech

**Acrylic water-based primer**

**SMOOTH FINISH**

**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 enclosed 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.



TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Consistency:	fluid liquid
Colour:	trasparent
Density (EN ISO 2811-1) (g/cm <sup>3</sup> ):	approx. 1.01
Dry solids content (EN ISO 3251) (%):	approx. 15
<b>APPLICATION DATA</b>	
Dilution rate:	ready to use
Waiting time before painting over:	12-24 hours in function of humidity and temperature conditions and, in any case, only when the previous layer is completely dry
Application temperature:	from +5°C to +35°C
<b>FINAL PERFORMANCES</b>	
VOC content of the ready-to-use product (European Directive 2004/42/EC) (g/l):	≤ 5

Because of **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

##### Preparing 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.

##### Preparing the product

**Malech** is ready-to-use.

It is recommend to thin **Malech** up to 50%

with water in order to avoid the vitrification of substrates that are not very absorbent.

#### Applying 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/m<sup>2</sup> 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

**Malech** is not considered dangerous

according to the current regulations regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for the handling of chemicals.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

**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](http://www.mapei.com)**

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



# Malech



**BUILDING THE FUTURE**

Any reproduction of texts, photos and illustrations published here is prohibited and subject to prosecution

**543-5-2016 (GB)**