



**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 of **Elastocolor** range product and **Quarzolite** range product, as a regulator of the substrate absorption and as an adhesion catalyst.

**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** or **Quarzolite** 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 **Elastocolor** or **Elastocolor Rasante**.

## 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 enclosed or poorly ventilated environments. Because of **Malech's** formulation, it ensures the consolidation of chalk present on surfaces that need to be treated.



TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Consistency:	fluid liquid
Colour:	transparent
Density (g/cm <sup>3</sup> ):	1.01
Supplied viscosity (+20°C) (mPa·s):	20 (# 1 - 100 rpm)
Dry solid content (%):	15
Storage:	24 months in original packaging
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3903 90 00
<b>APPLICATION DATA</b>	
Drying time:	24 hours at +20°C
Waiting time before being able to paint over:	24 hours at +20°C
Application temperature:	from +5°C to +35°C

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 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 24 hours depending on the environmental conditions.

#### Cleaning

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

#### CONSUMPTION

100-150 g/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 original packaging at temperatures between +5°C and +30°C.

#### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Malech** is not considered as dangerous

according to the European regulation regarding the classification of mixtures. It is however recommended to use gloves, eyes protection and to take the usual precaution taken when handling chemical products are recommended.

For further and complete information about the safe use of our product please refer to our latest version of the 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 web site [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)**



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