

# MAVROSEAL GEL

High-quality solvent-based impregnation cream with high durability and strong beading effect



## Product description

Mavroseal Gel is a high quality solvent containing impregnating cream based on alkoxyxilane and modified polysiloxane. Silane penetrates deep into the substrate and forms a long-term water-repellent barrier. The siloxane forms a durable water vapor permeable network on the surface, which provides a strong beading effect.

Mavroseal Gel has no influence on the water vapor permeability of the substrate.

Mavroseal Gel meets the water absorption and alkali resistance requirements according to NEN-EN 13580:2002 and is therefore suitable for application on concrete.

Mavroseal Gel extends the life of the treated substrate and prevents erosion and loss of mass due to the influence of frost and de-icing salts in accordance with NEN-EN 13581:2002.

Mavroseal Gel is highly UV-resistant so that the water-repellent effect is maintained for a long time (tested according to NEN-EN-ISO 11341:2004).

Mavroseal Gel is a gel-like product, which makes easy and accurate applications possible

Mavroseal Gel is based on a low odour solvent and has a friendly and mild odour.

## Use

Mavroseal Gel is suitable for impregnating both existing and new mineral surfaces.

Mavroseal Gel can be used on brick masonry, mineral plaster, (prefab) concrete, sand-lime brick and natural stone.

Mavroseal Gel has also been successfully applied on various cement-bound composite materials. Please contact one of our technical advisors if you have any questions.

Mavroseal Gel is highly suitable for use on facades with many vulnerable parts such as window frames and windows, because it is easy to work around them. Also suitable for overhead application.

## Characteristics

- Long lasting water repellent
- Excellent early water resistance
- Reduces dirt adhesion, white stains and green deposits
- Does not affect water vapor permeability
- Penetrates quickly and deeply into the pores of the substrate
- High UV-resistance (NEN-EN-ISO 11341:2004)
- Alkali resistant and suitable for application on concrete (NEN-EN 13580:2002)
- Resistant to frost and de-icing salts (NEN-EN 13581:2002)
- Excellent penetration on already impregnated surfaces

## Technical data

Colour:	White
Odour:	Mild solvent
Specific gravity:	approx. 0.88 kg/liter
pH:	approx. 7
Contains:	Alkoxyxilane and modified polysiloxane
Drying time:	2 - 4 hours
Water resistant:	24 - 48 hours
Fully cured:	7 days

## Application conditions

Ambient temperature:	maximum 30°C, minimum 5°C
Substrate temperature:	maximum 30°C, minimum 5°C
Relative humidity:	max.95% and 3°C above dewpoint During application and drying.

## Instructions

1. Clean existing facades in advance with a high pressure cleaner. In case of heavy soiling, use an appropriate facade cleaner such as Facadeclean. Remove algae, moss and fungi with Algen Remover.
2. Repair broken or bad jointing beforehand and let it cure for at least 14 days.
3. Cover untreated surfaces such as glass, window frames, paving and plants with foil.
4. Make sure the surface is completely dry.
5. Stir product before use.
6. Apply Mavroseal Gel with a brush or long-haired roller. Use 200 - 300 g/m<sup>2</sup> in one application depending on the suction of the substrate. Mavroseal Gel can also be applied by airless sprayer.
7. Remove spilt product immediately with a damp cloth.

## Packaging

15 kg buckets

This high quality bucket is made of 100% recycled plastic and saves up to 95% on the use of fossil fuels!

## Consumption

Consumption is 5 - 7 m<sup>2</sup>/L, this depends on the absorbency and porosity of the surface.

## Practical information

- Do not mix or dilute with other products.
- At high temperatures, strong winds or hot surfaces the product will evaporate quicker which results in a reduced penetration depth.
- Can give a slight colour deepening effect on the first few days

## Storage

Mavroseal Gel is frost and heat sensitive and should not be stored below 0°C or above 40°C. If frost or heat damage is suspected, the usability of the product should be checked before processing. The product may sag or release liquid in time; stir well before use.

Mavroseal Gel can be stored for at least 6 months after the date of production in its original, unopened container if properly stored.

## Health and safety

May cause skin and eye irritation. Avoid skin and eye contact, wear gloves and safety goggles. If in doubt, always consult the safety data sheet or our R&D department.





### Technical support

Mavro is ISO 9001 certified: your guarantee of quality, in terms of products and advice. Our technical consultants and R&D department are always at your service. We are happy to look at your problem or wish with you. Help you with our products or find a solution if it does not yet exist. Call, e-mail or drop by.

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