



Mapeguard WP Adhesive

Two-component, rapid-drying elastic cementitious adhesive for bonding and sealing overlaps of Mapeguard WP 200 and the relative special pieces

WHERE TO USE

- Bonding and sealing overlaps of **Mapeguard WP 200**.
- Bonding and sealing **Mapeguard ST** on **Mapeguard WP 200**.
- Bonding and sealing **Mapeguard IC**, **Mapeguard EC**, **Mapeguard PC**.
- **Mapeguard WP Adhesive** is suitable for application in wall and floor areas.

TECHNICAL CHARACTERISTICS

Mapeguard WP Adhesive is a two-component, cementitious binder-based mortar with fine-grained selected aggregates, special admixtures and synthetic polymers in water dispersion, blended according to a formula developed in MAPEI's own research laboratories.

When the two components are mixed together, a blend with a plastic consistency is obtained. It may be applied by brush, by roller or by spraying.

RECOMMENDATIONS

- Only apply **Mapeguard WP Adhesive** if the temperature is above +5°C.
- Do not add cement or aggregates to **Mapeguard WP Adhesive**.
- Protect from water for the first 24 hours after application at +23°C.

- During hot weather do not expose the product (liquid or powder) to direct sunlight before its application.

APPLICATION PROCEDURE

Preparation of the substrate

Mapeguard WP can be applied on the clean surface of **Mapeguard WP 200**, **Mapeguard ST**, **Mapeguard IC**, **Mapeguard EC** or **Mapeguard PC**.

Preparation of the mortar

Pour component B (liquid) into a suitable clean container. Then slowly add component A (powder) while stirring with a mechanical mixer.

The mixing ratio is: comp A : comp B = 1 : 0.9. Carefully mix the blend (with a mixing ratio of comp A : comp B = 1 : 0.9) for several minutes, then remove any powder which has stuck to the sides and bottom of the container. Keep mixing until completely blended. A mechanical mixer at low speed is recommended for this operation to prevent entraining too much air into the mix. Avoid mixing the product manually.

To make the product even more workable so that it may be applied with a roller or brush, add water at a rate of up to 5% of the weight of the latex used.

Application of the mortar

Mapeguard WP Adhesive can be applied by brush, roller or trowel.

Once the adhesive has been applied, the overlaps of **Mapeguard WP 200** layers or the relative special pieces (**Mapeguard ST**, **Mapeguard IC**, **Mapeguard EC** or **Mapeguard PC**) must be assembled as quickly

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	comp. A	comp. B
Consistency:	powder	liquid
Colour:	light brown	white
Bulk density (g/cm ³):	1.3	–
Density (g/cm ³):	–	1.04
Dry solids content (%):	100	54
APPLICATION DATA OF PRODUCT (at +23°C - 50% R.H.)		
Colour of mix:	brown	
Mixing ratio:	component A : component B = 1 : 0.9	
Consistency of mix:	fluid	
Density of mix (kg/m ²):	1300	
Application temperature range:	from +5°C to +35°C	
Pot life of mix:	approx. 45 min.	

as possible by fully embedding them in the adhesive and avoiding air pockets. It is recommended to press the sealing band into place by applying pressure with the smooth side of the notched trowel at an oblique angle. As an alternative, a suitable pressure roller may be used. The drying and installation time is shorter at higher temperatures and longer at lower temperatures. The ambient temperature for the installation may not be lower than +5°C until the final curing. The material is suitable for application in wall and floor areas. When installing LVT, use **Mapeguard WP Adhesive** to bond **Mapeguard WP 200** to the substrate, and refer to the **Shower System 4 LVT¹** System Data Sheet.

Cleaning

Tools and containers should be cleaned with plenty of water while **Mapeguard WP Adhesive** is still fresh. Surfaces should be cleaned with a damp cloth, before the adhesive dries.

CONSUMPTION

5 cm overlap on **Mapeguard WP Adhesive** around 100 g/m.
12 cm overlap on **Mapeguard WP Adhesive** around 250 g/m.

PACKAGING

Unit of 6.65 kg (3.5 kg bags + 3,15 kg tanks).

STORAGE

Mapeguard WP Adhesive component A may be stored for 24 months in its original packaging in a dry place.

Mapeguard WP Adhesive component B may be stored for 24 months.

Store **Mapeguard WP Adhesive** in a dry place at a temperature of at least +5°C.

Mapeguard WP Adhesive comp. A complies with the conditions of Annex XVII to Regulation (EC) N° 1907/2006 (REACH), item 47.

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

Mapeguard WP Adhesive component A is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. It contains special hydraulic binders that, when in contact with sweat or other bodily fluids, may cause a slightly irritating alkaline reaction.

Mapeguard WP Adhesive component B is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. During use, wear protective gloves and goggles and take the usual precautions for handling 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

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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.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

All relevant references for the product are available upon request and from www.mapei.com



**Mapeguard WP
Adhesive**



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