

MAPEGUARD WP ADHESIVE 1K

Quick-drying, one-component elastic cementitious adhesive for bonding Mapeband Easy, Mapeguard ST, Mapeguard ST Flex and related special pieces with Mapeguard WP System, Mapeguard UM35, Mapeguard Board and Mapeheat System.



BENEFITS AND FEATURES

- Reduced packaging of only 4kg to reduce waste
- One-component adhesive
- Preparation with two different dosages of water, depending on roller or trowel application
- Suitable for bonding waterproofing strips, angles and special pieces
- Suitable for bonding and sealing overlaps of **Mapeguard WP200**
- Available in white color to aid the installer when laying the product in dark environments (e.g., blind windowless bathrooms)

WHERE TO USE

- Bonding and sealing overlaps with **Mapeguard WP System**.
- Bonding and sealing of **Mapeguard ST** with **Mapeguard WP System**.
- Bonding of **Mapeband Easy**, **Mapeguard ST Flex** to seal joints and waterproof corners and edges in **Mapeguard UM 35** system.
- Bonding of **Drain Vertical/Drain Lateral** on **Mapeguard UM 35**.
- Bonding and sealing of **Mapeguard ST**, **Mapeguard ST Flex** with **Mapeguard Board**.
- Bonding and sealing of **Mapeband Easy**, **Mapeguard ST Flex** with **Mapeheat System**.
- Bonding and sealing of **Mapeguard IC**, **Mapeguard EC**, **Mapeguard PC** and **Mapeguard DH-U** with **Mapeguard** and **Mapeheat** systems.
- **Mapeguard WP Adhesive 1K** is suitable for wall and floor applications

TECHNICAL CHARACTERISTICS

Mapeguard WP Adhesive 1K is a one-component mortar made of cementitious binders, selected fine-grained aggregates, special additives and synthetic polymers in water dispersion, according to a formula developed in

the MAPEI Research & Development Laboratories. Mixing the product with the correct amount of water produces a paste with a plastic consistency that can be applied by brush, roller, or trowel.

RECOMMENDATIONS

- Always apply **Mapeguard WP Adhesive 1K** at temperatures above +5°C.
- Do not add to **Mapeguard WP Adhesive 1K** cement or aggregates.
- Protect from water for the first 24 hours after application at +23°C.
- In hot weather, do not expose the product to the sun before use (powder and liquid).
- Use the product at temperatures between +5°C and +35°C;

APPLICATION PROCEDURE

Preparation of the substrate

Mapeguard WP Adhesive 1K can be applied to the clean surface of all **Mapeguard WP System** products, in the **Mapeguard UM35** system, on **Mapeguard Board**, on **Maapeheat System** and on fully cured, clean, undamaged, planar substrates with mechanical strength appropriate to the application.

Preparing the mix

Pour the product into a suitable clean container; then slowly add the right amount of mixing water under mechanical agitation.

The mixing ratio is: 38% water by weight for trowel applications and 45% water by weight for roller applications. Accurately stir the mix for a few minutes, carefully removing all traces of not fully dispersed dust from the sides and the bottom of the container. Keep mixing until a completely blended mix is obtained. A mechanical mixer at low speed is recommended for this operation, to prevent entraining too much air into the mix. Do not mix the product manually.

Application of the mortar

Mapeguard WP Adhesive 1K can be applied by brush, roller, or trowel (No. 3). After the adhesive has been applied, the overlays of **Mapeguard WP 200**, **Mapeband Easy**, **Mapeguard ST Flex**, **Mapeguard ST** and related special pieces **Mapeguard IC**, **Mapeguard EC**, **Mapeguard PC**, **Mapeguard DH-U**, **Drain Vertical/ Drain Lateral** should be assembled as quickly as possible by fully embedding them in the adhesive and avoiding air pockets. It is recommended to properly press the accessories of the waterproofing system by applying pressure with the smooth side of the notched trowel being careful not to damage the waterproofing products. As an alternative, suitable pressure can be applied by means of a roller. Drying and installation time decrease at higher temperatures and increase at lower temperatures. The ambient temperature at the time of installation, before the product has not set, should not be below +5°C.

In the case of LVT installation use **Mapeguard WP Adhesive 1K** to glue **Mapeguard WP 200** to the substrate, refer to the system sheet **Shower System 4 LVT¹**.

CLEANING

All tools can be cleaned with plenty of water before the adhesive sets. Once hardened, cleaning can be carried out only mechanically.

CONSUMPTION

Mapeguard WP System:

- overlaps with **Mapeguard WP System** (overlap between sheets of 5cm): 130 g/m of **Mapeguard WP Adhesive 1K**
- bonding of **Mapeguard ST** with **Mapeguard WP System**: 300 g/m of **Mapeguard WP Adhesive 1K**

Mapeguard Board:

- bonding of **Mapeguard ST** and **Mapeguard ST Flex** on **Mapeguard Board**: 300 g/m of **Mapeguard WP Adhesive 1K**

Mapeguard UM35:

- bonding of **Mapeband Easy**, **Mapeguard ST Flex** to **Mapeguard UM35**: 500 g/m of **Mapeguard WP Adhesive 1K**

Mapeheat System:

- bonding of **Mapeband Easy**, **Mapeguard ST Flex** to **Mapeheat System**: 500 g/m of **Mapeguard WP Adhesive 1K**

PACKAGING

4 kg alupack bag.

STORAGE

Mapeguard WP Adhesive 1K may be stored for 24 months in its original packaging in a dry area.

Mapeguard WP Adhesive 1K complies with Reg. (CE) N. 1907/2006 (REACH) - All. XVII, item 47.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapeguard WP Adhesive 1K is not considered dangerous according to the current regulations regarding the classification of mixtures. While using, wear protective gloves and goggles and take the usual precautions for handling chemicals.

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

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	powder
Colour:	white
Density (kg/m ³):	800
Colour of the mix:	white
Mixing ratio:	100 parts of Mapeguard WP Adhesive 1K with 38 parts water by weight for trowel applications 100 parts of Mapeguard WP Adhesive 1K with 45 parts water by weight for roller applications
Consistency of mix:	fluid
Density of mix (kg/m ³):	1400
Recommended application temperature:	from +5°C to +35°C
Pot life of mix:	approx. 45 min.

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.

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

LEGAL NOTICE

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. www.mapei.com.

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

Mapei S.p.A.

Via Cafiero, 22, 20158, Milano



+39-02-376731



www.mapei.com



mapei@mapei.it

14274-9-2025 en (IT)

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

