

# MAPE-ACCELERATOR

Plaster additive - accelerating setting time and film-forming



## DESCRIPTION

Ready-to-use, water-based additive, dedicated for plasters from the **Silancolor** and **Elastocolor** range, e.g. **Silancolor Tonachino**, **Silancolor Tonachino Plus**, **Silancolor AC Tonachino**, and **Elastocolor Tonachino Plus**. It increases the film-forming process at low temperatures, foggy conditions and high humidity. It also improves early rain resistance (after 4-6 hours).

**Mape-Accelerator** gives the best performance in temperatures between +1°C and +10°C, and a relative humidity up to 85% HR. Ensure that during the curing process the plaster does not become frozen.

## ADVANTAGES

- Easy to mix into the plaster - with a mixing ratio of one bottle of 0.20 kg per 20 kg or 25 kg buckets.
- Does not change the workability of the plaster.
- Does not change the colour of the finished coating.
- Does not change the consumption rate of the plaster.

## WHERE TO USE

As an additive to silicone and elastomeric-based plasters from the **Silancolor** and **Elastocolor** range; used as a finishing layer on the facades of insulated buildings, as part of the ETICS system based on polystyrene EPS, XPS and mineral wool.

The use of **Mape-Accelerator** is recommended when the temperature is expected to drop below +5°C (to approx. +1°C) during the plaster drying period (24-48 hours) and when air humidity is high (approx. 85%).

The use of **Mape-Accelerator** does not release the contractor from the obligation to protect the plastered surface against direct exposure to atmospheric factors (rain and strong wind) during application and drying phases. Using the product can shorten the plaster's setting time compared to a standard product by up to 40% (under the same conditions).

## TECHNICAL CHARACTERISTICS

**Mape-Accelerator** can be added directly to plaster just before application, when it is necessary to speed up the film-forming process during the drying of the plaster in the event of unfavourable temperature and humidity conditions. **Mape-Accelerator** is neutral to the properties of plasters. It does not affect the strength of the finishing layer and does not change the functional properties of the plaster after it has set.

The process of curing and drying of the plaster occurs earlier. After approximately 4-6 hours the applied finishing layer acquires the appropriate resistance necessary in the event of sudden rain.

## RECOMMENDATIONS

In accordance with the recommendations for plasters, i.e.

- Apply the plaster on dry and cured substrates - the substrate cannot be frozen.
- It is best to apply the plaster with the additive at temperatures above +1°C and below +10°C.
- It is possible to apply the plaster with the additive even at high relative air humidity, but below 85% HR.
- Avoid using the **Mape-Accelerator** above +15°C - increasing temperature during application can affect the drying process of the plaster.
- Once the additive is mixed into the plaster, apply the plaster within 60 minutes (depending on the temperature). Careful planning of work surface is recommended.
- Always finish the bucket, leftovers will start setting after 60 minutes.
- Do not apply plaster during rain, strong wind or on facades exposed to direct sunlight, use protective tarpaulins.
- Before plastering protect surfaces of windows, tiles etc. exposed to dirt.
- Apply full surfaces in one work cycle.
- Do not use **Mape-Accelerator** for **Mapetherm Flex**.
- Refer to "Precautions and Safety" section.

## APPLICATION PROCEDURE

### Preparation of the substrate

The substrate to be plastered should be bound, strong, clean and dry. It cannot be frozen. The surface should be even and free from dust, oils, paints with low adhesion, etc. It is recommended to wash old coatings with water. Fresh plasters or putties should be completely set and cured. Scratches and cracks should be levelled and repaired using **Mapetherm** adhesive mortars. Prime the substrate with **Universal Base Coat** – suitable for tinting. Unification the substrate with a coloured primer makes work easier and helps to obtain a uniform colour.

### Preparation of the product

**Mape-Accelerator** is a ready-to-use product. Immediately before applying the plaster, pour in the **Mape-Accelerator**. Then mix thoroughly using a low-speed mixer, until a homogeneous consistency is obtained.

### Application of the product

**Mape-Accelerator** should be poured into a bucket of one of the recommended plasters from the **Silancolor or Elastocolor range**, immediately before application. The mixing ratios must be determined taking into account the target action and weather conditions. **Mape-Accelerator** dosage is 0.20 kg (contents of the entire bottle) per 20kg or 25 kg of plaster. You can start applying the plaster after thoroughly mixing both products. Use the product within 60 minutes. Plaster mixed with the additive is not suitable for storage (it starts setting just after 60 minutes). Avoid aerating the plaster. Do not dilute.

**Avoid application immediately before the onset of frost - storage and application must take place at positive temperatures.**

## CLEANING

Tools used during application should be washed with water before the product dries.

## CONSUMPTION

The consumption of **Mape-Accelerator** is max. 0.20 kg per 25 kg of plaster.

## PACKAGING

**Mape-Accelerator** is supplied in a carton box containing 12x 0.20 kg plastic bottles.

## STORAGE

**Mape-Accelerator** should be stored in a dry place, where it will have a maximum shelf life of 12 months in the original unopened packaging, away from heat sources, at a temperature from +5°C to +25°C.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website [www.mapei.co.uk](http://www.mapei.co.uk)

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

### PRODUCT PROPERTIES

Consistency:	Liquid, ready for use
Mixing proportions with plaster:	Max. 0.20 kg per 25 kg of plaster
Colour:	Transparent - Straw
Density:	1.0 g/cm <sup>3</sup>
Shelf life:	12 months
Packaging:	HDPE bottle
Capacity:	0.20 kg

## 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.co.uk](http://www.mapei.co.uk)

## 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.co.uk](http://www.mapei.co.uk)*

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

### Mapei U.K. Ltd

Mapei House Steel Park Road - Halesowen, West Midlands, B62 8HD



+44-121-5086970



[www.technical-uk@mapei.co.uk](mailto:www.technical-uk@mapei.co.uk)



[info@mapei.co.uk](mailto:info@mapei.co.uk)

09745-07-2025 (UK)

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

