



# Profas

**Solvent-free, silicate-based consolidator for cementitious substrates, with a high penetration capacity**



## WHERE TO USE

Profas is used for the following:

- deep consolidation of cementitious substrates with an unstable surface or with poor mechanical characteristics;
- consolidation of cementitious screeds which tend to have a crumbly surface due to hydration defects or a lack of binders;
- impregnation and anti-dust primer on cementitious surfaces.

## TECHNICAL CHARACTERISTICS

Profas is a blend of silicates in water solution with low viscosity and therefore high penetration properties. It can penetrate to a depth of several centimetres and when dried, it improves the cohesion of cementitious surfaces.

Profas is ready-to-use and need not be diluted.

## RECOMMENDATIONS

- Do not use Profas on non-absorbent or wet surfaces.
- Do not use on Mapecem or Mapecem Pronto screeds.
- Do not use on anhydrite surfaces.
- Do not dilute with water or solvents.
- Immediately clean up any drops of Profas from ceramic tile, glass, marble, and metal surfaces.

## HOW TO USE

### Substrate preparation

The substrate must be dry, clean, free of oils, varnish, levelling compounds and other materials which might prevent the Profas from penetrating.

### Application

Pour the Profas on the surface with a sprinkler or pump and distribute it evenly with a broom, brush, or roller until it is completely absorbed. Very friable or porous substrates may need more than one coat, in which case wait until the previous coat is dry. Do not allow pools of excess Profas to accumulate because they form a shiny anti-adhesive film. To prevent the film from forming, sprinkle sand over the last coat of Profas and remove the excess sand when dry. Proceed with levelling or installation of flooring after making sure the surface is dry. Drying time varies with the amount of product used, and ambient temperature and humidity. The recommended application temperature is from +5°C to +35°C.

### Cleaning

Hands, tools and surfaces in contact with Profas must be cleaned immediately with abundant water. Once it hardens, removal is difficult and can only be done mechanically.

### CONSUMPTION

Surfaces of screeds can be repaired using 0.5 to 0.7 kg/m<sup>2</sup> of Profas but very porous surfaces may require four to six times as much. Test a small area, especially on very damaged surfaces. Apply several

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TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Density (g/cm <sup>3</sup> ):	1.19
Consistency:	very fluid liquid
Colour:	transparent
pH:	12
Dry solids content (%):	24
Brookfield viscosity (mPa·s):	10
Storage:	12 months
Hazard classification according to EC 1999/45:	irritant. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3823 90 95
Application temperature range:	from +5°C to +35°C
Drying time:	min. 24 hours (depending on the amount applied and the ambient temperature and humidity)
Ready for use:	when dry

coats to evaluate how much **Profas** is needed to consolidate the substrates.

#### PACKAGING

**Profas** is available in 25 kg drums.

#### STORAGE

**Profas** is stable for at least 24 months when stored in a dry place in its original packaging. Protect from frost.

#### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Profas** may irritate the skin and breathing system. Serious damage may be caused if it comes into contact with the eyes. We recommend the use of suitable protective gloves and protection for the eyes and face. If the product comes into contact with the eyes, rinse off well with plenty of clean water and seek specialist medical advice.

FOR PROFESSIONALS.

#### WARNING

*Although the technical details and recommendations contained in this report 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 applications; 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.*

**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**