

# TOPCEM PRONTO SLURRY

Bonding slurry prior to the installation of a TOPCEM PRONTO engineered screed



## WHERE TO USE

Topcem Pronto Slurry is used to prepare a bonding slurry prior to the installation of a Topcem Pronto bonded engineered screed.

Suitable for indoor and outdoor use

## TECHNICAL CHARACTERISTICS

Topcem Pronto Slurry is a special bonding slurry formulated for use prior to the installation of Topcem Pronto engineered screed.

## RECOMMENDATIONS

- DO NOT use **Topcem Pronto Slurry** on concrete substrates subject to rising damp. Please consult your local Mapei Representative or alternatively contact Mapei Technical Services on Freecall 1800 652 666 for further information
- DO NOT mix **Topcem Pronto Slurry** with other binders or aggregates that are not listed
- While **Topcem Pronto Slurry** has an excellent pot life, if it has started to set it must be disposed of. DO NOT add any more water or latex additive and DO NOT remix
- Mix **Topcem Pronto Slurry** with the correct amount of **Planicrete** (mixed with the correct amount of water) OR **Planicrete SP** latex additive as per the mixing ratios listed overleaf
- DO NOT apply **Topcem Pronto** onto the applied **Topcem Pronto Slurry** bonding slurry if it has dried on the substrate. The application must be wet-on-wet
- If the floor will be subjected to high mechanical stresses, use an epoxy bonding adhesive such as **Eporip** instead of **Topcem Pronto Slurry**

## APPLICATION INSTRUCTIONS

### Examination

Before work commences, examine the areas to be covered and report any deficiency or adverse conditions in writing to the general contractor, owner, developer or architect.

DO NOT proceed with the work until surfaces and conditions comply with the requirements indicated in the current Australian Standards and manufacturer's instructions.

The temperature must be between +5°C to +35°C for the duration of the application.

## Surface Preparation

All supporting surfaces shall be structurally sound, solid, dry, stable, completely cured, level, plumb and true to tolerances as per the current Australian Standards. They shall be clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealers, form release agents or any deleterious substance or debris which may prevent or reduce adhesion.

Completely remove all loosely bonded paint/topping, loose particles and construction debris by mechanical means ie. shotblasting, scarification, diamond grinding or sanding. When preparing surfaces containing silica sand use an approved dust mask. Surfaces containing asbestos must be handled in accordance with current Commonwealth, State and Local Council regulations and current Australian Standards.

Neutralise any trace of strong acid or alkali from the substrate prior to the application of any product.

In all cases, the structural design of the floor shall not allow a deflection greater than 1/360 of the span under live or dead loads.

## Preparing the mix

**Topcem Pronto Slurry** must be mixed with either **Planicrete** and water or **Planicrete SP** according to the following ratios:

<b>Planicrete:</b>	1 part in weight
Water:	1 part in weight
<b>Topcem Pronto Slurry</b>	3 parts in weight

OR

<b>Planicrete SP:</b>	2 parts in weight
<b>Topcem Pronto Slurry:</b>	3 parts in weight

Pour the liquid into a clean container and gradually add the powder while slowly mixing. Mix thoroughly to a homogeneous and smooth consistency, scraping the sides of the container as necessary. Let the product slake for 3 to 4 minutes. Briefly remix prior to use without adding any additional powder or liquid.

## Spreading the mix

Apply a continuous and even 2-3 mm layer using a large flat brush, scrubbing brush, or trowel.

For applications using a trowel, it is recommended to use a 6 x 6 mm square<sub>1</sub> notched trowel. Pour the slurry onto the substrate and use the trowel to spread and gauge the thickness.

To achieve a perfect adhesion, spread **Topcem Pronto** onto the slurry while it is still fresh (fresh on fresh technique).

## CLEANING

Tools may be cleaned using water while the product is still fresh.

## CONSUMPTION

The consumption of **Topcem Pronto Slurry** is approximately 2 to 2.5 kg/m<sup>2</sup> depending on thickness. The consumption of **Planicrete SP** is approximately 1.3 to 1.7 Kg/m<sup>2</sup>.

## PACKAGING

20 kg paper bags.

## STORAGE

**Topcem Pronto Slurry** remains stable for at least 12 months if stored in a dry, elevated area. Please store in a locked location out of the reach of children.

**NOTE: PROTECT FROM MOISTURE**

## SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

**Topcem Pronto Slurry** contains cement that when in contact with sweat or other bodily fluids causes irritant alkaline reactions and allergic reactions to those predisposed.

It can cause damage to eyes. It is recommended to use protective gloves and goggles and to take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet that is available on our website at [www.mapei.com.au](http://www.mapei.com.au)

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 at [www.mapei.com.au](http://www.mapei.com.au)**

## 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.au](http://www.mapei.com.au)

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

### Mapei Australia Pty Ltd

180 Viking Drive, Wacol, Queensland, 4076



+61 7 3276 5000



[www.mapei.com.au](http://www.mapei.com.au)



[sales@mapei.com.au](mailto:sales@mapei.com.au)

2639-8-2019 (AUS)

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