

# LATEXPLAN TRADE

Two Part Smoothing/Levelling Compound



## WHERE TO USE

**Latexplan Trade** is used for levelling and smoothing differences in thickness of 3 to 10 mm (in one application) on new and existing substrates, to prepare them for any type of flooring installation.

**Latexplan Trade** is suitable for areas subject to chairs with castors.

## Some application examples

Smoothing concrete floors, cement based screeds, **Mapecem** and **Topcem** screeds.

Smoothing existing flooring in concrete, terrazzo, ceramic tile, natural stone.

## TECHNICAL CHARACTERISTICS

**Latexplan Trade** is a two-part smoothing compound that consists of a grey powder (part A) containing special cements, graded silica sands and additives to be mixed with a synthetic rubber latex (part B).

**Latexplan Trade** can be walked on after approximately 16-2 hours and is ready for installing flooring after about 12 hours, depending on the thickness and the ambient temperature.

**Latexplan Trade** has a very low odour and this makes it suitable for use in confined and inhabited areas, where working and/or occupation must be maintained.

Suitable for use under a damp proof membrane such as **Mapeproof ESM**, where residual or static moisture is present. For the best results, **Latexplan Trade** should be mixed without extra latex or water being added.

## APPLICATION PROCEDURE

### Preparation of the substrate

The substrate must be clean, structurally sound, free from grease, oil, paint and plaster residues, surface laitance and contamination, including surface hardeners and additives that may compromise the bond.

### Application of the primer

On highly porous and absorbent surfaces, a coat of primer prior to the application will prevent pinholes / air bubbles within the surface, providing a smooth even finish.

**Eco Prim T Plus** acrylic primer may be used on all absorbent and non-absorbent substrates. On difficult and non-absorbent surfaces the use of **Eco Prim Grip Plus** primer will ensure perfect bonding.

Do not prime when **Latexplan Trade** is to be used beneath a surface membrane such as **Mapeproof ESM**.

## Mixing

Mix 25 kg of **Latexplan Trade** part A powder into 5 kg of **Latexplan Trade** part B liquid. The **Latexplan Trade** part B liquid container should be shaken, poured into a clean mixing container and the **Latexplan Trade** part A powder added gradually whilst continually stirring with a mixing paddle and slow speed drill. The mixed mortar has a workability time of approx. 20-30 minutes at +23°C.

Do not add more liquid or water to the mix once it has begun to set.

## Application of the product

The mixed material is poured onto the prepared substrate and spread with a smooth edged trowel to the required thickness in one operation. Additionally the use of a spiked roller will ensure a smooth even finish that will not require any further attention prior to the floorcovering being installed.

The correct mix permits any application from featheredge to 10 mm, although for the best results a minimum 3 mm application is recommended. (Apply at a minimum floor temperature above +5°C.)

## Drying

At normal temperatures **Latexplan Trade** will take light foot traffic after 16 to 2 hours, and accept bonded floor coverings after 12 hours.

A room temperature of +13°C - +18°C should be maintained with a substrate temperature of at least +5°C (good ventilation will considerably assist drying times, but avoid strong draughts).

## Cleaning tools

All tools and mixing containers should be washed and cleaned immediately after use before the material hardens.

## COVERAGE

One unit will cover approximately 6 m<sup>2</sup> at 3 mm thickness.

## STORAGE

**Latexplan Trade** part A has a storage life of approximately 12 months if stored in dry conditions.

**Latexplan Trade** part B has a storage life of approximately 24 months if stored in dry conditions and protected from frost.

## 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

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
PART A	
Consistency:	fine powder
Colour:	cement grey
Dry solids content (%):	100
Bulk density (kg/m <sup>3</sup> ):	1400
Flammable	no
PART B	
Consistency:	runny liquid
Colour:	white

Dry solids content (%):	9
Bulk density (kg/m <sup>3</sup> ):	1.05
Flammable	no
EMICODE:	EC1 Plus - very low emission
<b>COMPOSITION AND PROPERTIES OF THE MIXTURE</b>	
Mixing ratio:	5 kg of Latexplan Trade liquid with 25 kg of Latexplan Trade powder
Thickness per coat:	3 mm to 10 mm
Density of mix (kg/m <sup>3</sup> ):	2000
Application temperature range (°C):	from +5°C to +35°C
Workability (at +23°C):	20 - 30 minutes
Setting time:	45 - 60 minutes
Set to light foot traffic:	after 1½ - 2 hours
Time before laying floorcovering:	12 hours
<b>FINAL PERFORMANCES</b>	
Compressive strength (N/mm <sup>2</sup> ):	
- after 1 day:	7
- after 7 days:	20
- after 28 days:	26
Flextural strength (N/mm <sup>2</sup> ):	
- after 1 day:	3
- after 7 days:	6
- after 28 days:	8
Resistance to abrasion after 28 days:	3 g

## N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application. No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification. End users should ensure that our latest product data and safety information sheets have been consulted prior to use. Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.co.uk](http://www.mapei.co.uk)

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