

# LATEXPLAN TRADE FAST

Two-part rapid curing smoothing/ levelling compound. Moisture tolerant. Suitable for use on most old adhesive residues including bitumen.



## WHERE TO USE

**Latexplan Trade Fast** is used for levelling and smoothing differences in thicknesses of 3 to 10 mm (in one application) where rapid installation of all types of floor coverings is required on new and existing substrates.

**Latexplan Trade Fast** is suitable for high intensity, wheelchair traffic and chairs with castors. Can also be used over most old adhesive residues including bitumen.

**Latexplan Trade Fast** is also suitable for use with underfloor heating.

### Some application examples

Smoothing concrete floors, sand:cement screeds, MAPEI **Mapecem** and MAPEI **Topcem** screeds. For smoothing over existing flooring in concrete, terrazzo, ceramic, porcelain tiles and natural stone (after applying a suitable primer if required).

## TECHNICAL CHARACTERISTICS

**Latexplan Trade Fast** is a two-part cement based smoothing compound consisting 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 Fast** can receive foot traffic after approximately 60 minutes and is ready to install floor coverings after 2½-3 hours depending on the thickness and ambient temperature.

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

**Latexplan Trade Fast** should not be mixed with any additional latex liquid or any water.

**Latexplan Trade Fast** is moisture tolerant and suitable for use under MAPEI damp proof membranes.

**Latexplan Trade Fast** is a product with very low emission of volatile organic compounds (VOC), which safeguards the health and safety of installers and final users. It is certified as ECT Plus by the German association GEV.

## APPLICATION PROCEDURE

### Preparation of the substrate

The substrate must be clean, structurally sound, and free from grease, oil, paint, and plaster residues, surface contamination, including surface hardeners, water softenable adhesives, loosely applied materials, and additives that may compromise the bond. Adhesive residue must be checked to confirm they are not water

softenable and that they are hard, solid and are suitably strong enough to receive a smoothing/levelling compound.

### Priming (75% R.H. or below)

On highly porous and absorbent surfaces, a coat of primer prior to the application of smoothing compounds etc will reduce pin holes and air bubbles on the subsequent compounds above.

**Eco Prim T Plus** is suitable for absorbent substrates and surfaces. For non porous surfaces use **Eco Prim Grip Plus**.

For using surface damp proof membrane, ensure primer is not applied prior to the application of the membrane but above it.

When applying **Latexplan Trade Fast** above cured MAPEI surface applied membranes, in all cases the membrane must be primed.

### Mixing

Mix 20 kg of **Latexplan Trade Fast** part A powder into 4 litres of **Latexplan Trade Fast** part B liquid. The **Latexplan Trade Fast** part B liquid container should be shaken and poured into a clean mixing container. The **Latexplan Trade Fast** part A powder is then added gradually whilst continually stirring with a mixing paddle attached to a slow-speed drill. The mixed product has a working time of approximately 10-15 minutes at +23°C.

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

**Do not** over mix the products as this will cause excessive heat and cause the mixed product to cure too quickly.

### Application of the product

The mixed product is poured onto the prepared subfloor 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 floor coverings being installed.

**Do not** over-trowel the product once it has been placed on to the sub floor.

The correct mix permits thicknesses from 3 mm to 10 mm per application, ensure a minimum 3 mm thickness is applied to provide the optimum absorption for the adhesive (apply at a minimum floor temperature of above +5°C).

### Drying

At normal temperatures **Latexplan Trade Fast** will take light foot traffic after 60 minutes and will accept bonded floor coverings after 2½-3 hours.

### Cleaning Tools

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

## COVERAGE

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One unit (part A + part B) will cover approximately 4.5-5 m<sup>2</sup> at 3 mm thickness.

## PACKAGING

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**Latexplan Trade Fast** comes in a 20kg bag and 4kg bottle.

## STORAGE

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

**Latexplan Trade Fast** 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

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**Latexplan Trade Fast** component A contains cement that when in contact with sweat or other body fluids causes an irritant alkaline reaction and allergic reactions to those predisposed. It can cause damage to eyes.

In case of contact with eyes or skin wash immediately with plenty of water and seek medical attention.

**Latexplan Trade Fast** component B is not considered as dangerous according to the current regulation regarding the classification of mixtures.

We recommend the use of protective gloves and goggles and to take the usual precautions for handling chemical products.

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

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

#### PART A

Consistency:	fine powder
Colour:	grey
Dry solids content (%):	100
Bulk density (kg/m <sup>3</sup> ):	1,400
Flammable	no
EMICODE	EC1 Plus - Very low emission

#### PART B

Consistency:	runny liquid
Colour:	white
Dry solids content (%):	15
Bulk density (kg/m <sup>3</sup> ):	1,050
Flammable	no

### COMPOSITION AND PROPERTIES OF THE MIXTURE

Mixing ratio:	4 kg of Latexplan Trade Fast liquid with 20 kg of Latexplan Trade Fast powder
Thickness per coat:	3 mm to 10 mm
Density of mix (kg/m <sup>3</sup> ):	2,000
Application temperature range (°C):	from +5°C to +35°C
Workability (at +23°C):	20
Setting time:	30 minutes
Set to light foot traffic:	60 minutes
Time before laying floorcovering:	2 hrs 30 minutes to 3 hours

### FINAL PERFORMANCES

Compressive strength (N/mm <sup>2</sup> ):	
- after 1 day:	15
- after 7 days:	25
- after 28 days:	32
Flextural strength (N/mm <sup>2</sup> ):	
- after 1 day:	3
- after 7 days:	5
- after 28 days:	7
Resistance to abrasion after 28 days:	2 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)

## 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.**

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