

LATEXPLAN TRADE

Two-part smoothing / levelling compound



WHERE TO USE

Latexplan Trade is used for levelling and smoothing differences in thickness of 1 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 with wheelchair traffic.

Typical applications

Smoothing concrete floors, cement based screeds, **Mapecem** and **Topcem** screeds. Smoothing existing flooring in concrete, terrazzo, ceramic tile, natural stone, steel and polyurethane.

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 1½-2 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 making it suitable for use in confined and inhabited areas, where working and/or occupation must be maintained.

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

Preparation The subfloor 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.

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

Mixing

Mix 25 kg of **Latexplan Trade** part A powder into 5 litres 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 working time of approx. 20-30 minutes at +23°C. Do not add more latex or water to the mix once it has begun to set.

Application

The mixed material is poured onto the prepared subfloor and spread with a smooth edged trowel to the required thickness in one operation. Alternatively 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 1½ to 2 hours and accept bonded floorcoverings after 12 hours.

A room temperature of 13-18°C should be maintained with a subfloor temperature of at least +5°C (a passage of air will considerably assist the drying times).

Cleaning

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

Coverage

One unit will cover approximately 6 m² at 3 mm thickness.

Storage

Latexplan Trade has a storage life of approximately 12 months in dry conditions. **Latexplan Trade** complies with the conditions of Regulation (EC) N° 1907/2006 (REACH), Annex XVII, item 47.

| TECHNICAL DATA (typical values) | |
|--|---|
| PRODUCT IDENTITY | |
| PART A | |
| Consistency: | fine powder |
| Colour: | cement grey |
| Dry solid content (%): | 100 |
| Bulk density (kg/m ³): | 1400 |
| Flammable: | no |
| PART B | |
| B: LIQUID | |
| Consistency: | runny liquid |
| Colour: | white |
| Dry solid content (%): | 9 |
| Specific gravity (g/cm ³): | 1.05 |
| Flammable: | no |
| EMICODE: | EC1 R Plus - very low emission |
| COMPOSITION AND PROPERTIES OF THE MIXTURE | |
| Mixing ratio: | 5 kg of Latexplan Trade liquid with 25 kg of Latexplan Trade powder |
| Thickness per coat: | 1 to 10 mm |
| Density of mix (kg/m ³): | 2000 |
| Application temperature range: | +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 |
| FINAL PERFORMANCE DATA | |
| Compressive strength (N/mm ²): | |
| – after 1 day: | 7 |
| – after 7 days: | 20 |
| – after 28 days: | 26 |
| Flexural strength (N/mm ²): | |
| – after 1 day: | 3 |
| – after 7 days: | 6 |
| – after 28 days: | 8 |
| Resistance to abrasion after 28 days: | 3 g |

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Latexplan Trade part A contains cement that when in contact with sweat or other body fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to eyes. **Latexplan Trade** part 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. If the product comes into contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data sheet. PRODUCT FOR PROFESSIONAL USE.

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.com

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