



Latexplan

2-Part Cement Based Smoothing and Levelling Compound



WHERE TO USE

Latexplan 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 is suitable for areas with wheelchair traffic.

For internal use only.

Typical applications

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

Smoothing existing flooring in concrete, terrazzo, ceramic tile, natural stone, wood, steel and polyurethane.

TECHNICAL CHARACTERISTICS

Latexplan 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 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 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 **Primer MF** surface membrane where residual or static moisture is present.

For the best results **Latexplan** should be mixed without extra latex or water being added.

Due to the method of manufacture and fast curing qualities **Latexplan** should be mixed one unit at a time.

Mixing more than one unit may cause flash setting.

IMPORTANT OBSERVATIONS

Do not add lime, cement or gypsum to the mix.

Do not use for smoothing exteriors or substrates subject to rising damp.

Do not use at temperatures below +5°C or above +35°C.

Subfloor preparation

Substrates must be solid, free of dust, loose particles, paint, oil, gypsum residues or other

TECHNICAL DATA (typical values)	
Part A:	powder
Consistency:	fine powder
Colour:	cement grey
Dry solid content (%):	100
Specific gravity (g/cm³):	1.1
Storage:	12 months in original sealed packaging
Hazard classification according to EC 99/45:	none. However, the products cement content can irritate eyes and skin. For further information consult the safety data sheet
Flammable:	no
Custom class:	3824 50 90
Part B:	liquid
Consistency:	runny liquid
Colour:	white
Dry solid content (%):	24.5
Specific gravity (g/cm³):	1.05
Storage:	12 months in original sealed packaging
Hazard classification according to EC 99/45:	none
Flammable:	no
Custom class:	4002 11 00
COMPOSITION AND PROPERTIES OF THE MIXTURE	
Mixing ratio:	5.5 kg of Latexplan liquid with 25 kg of Latexplan powder
Thickness per coat:	1 to 10 mm
Density of mix (g/cm³):	2
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/mm²): after 1 day: after 7 days: after 28 days:	 7 20 30
Flexural strength (N/mm²): after 1 day: after 7 days: after 28 days:	 3 8 10
Resistance to abrasion after 28 days:	1.5 g

substances that might compromise the bond.

Insufficiently solid surfaces must be removed or consolidated with **Profas** or **Primer EP**.

Cracks or crazing in concrete substrates should be repaired with **Eporip**.

Adhesive residue should be removed to expose a minimum 75% of the sub-floor.

Polyurethane surfaces should be mechanically abraded.

Anhydrite screeds must be primed with **Mapeprim SP**, **Eco Prim R** or **Primer G** before **Latexplan** is applied.

Preparing the mix

Pour a 5.5 kg of **Latexplan** (part B) latex liquid into a clean receptacle and add a 25 kg bag of **Latexplan** powder (part A) whilst mixing with a low speed electric mixer until smooth and lump free.

Leave to rest for 2-3 minutes, then mix again briefly. The mix is then ready for use.

Application

Apply in a single coat of 1 to 10-mm in thickness.

The use of a spiked roller along with the self levelling properties of **Latexplan** will give a finish ready to accept any kind of floorcovering without any further attention.

Greater thickness may be achieved by adding 20 to 30% of clean fine sand.

COVERAGE

Approx 6 m² at 3 mm thickness.

PACKAGING

Part A powder: 25 kg bags;

Part B liquid: 5.5 kg bottles

Cleaning

Fresh **Latexplan** can be removed from hands and tools with water

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.

**All relevant references
of the product are available
upon request**



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