Latexplan No Ammonia

Two-part, fast-setting, cement based levelling compound suitable for use over most existing adhesive residues (including bitumen) and onto plywood substrates. Resilient floor coverings can be installed after 4 hours

CT C20-F6 EN 13813

1121/2021
164.106/1121/WCL MER0538

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164.106/ERO2812/MED0538

CLASSIFICATION ACCORDING TO EN 13813

Smoothing compounds prepared with **Latexplan No Ammonia** in compliance with the prescriptions present in this technical data sheet are classified as CT-C20-F6 according to European Norm 13813.

WHERE TO USE

Latexplan No Ammonia is suitable for levelling differences in thickness between 3mm to 10mm on new and existing substrates. It can be used over most existing adhesive residues, including bitumen. Also suitable for use over plywood substrates and MAPEI surface applied DPMs in most cases without priming. Accepts subsequent floor coverings in 4 hours.
In most cases, priming is not required.

- Suitable for use with underfloor heating.
- Moisture tolerant; can be applied below surface applied damp proof membranes.

Some application examples

Smoothing plywood, concrete floors, sand:cement screeds, MAPEI **Mapecem** and **Topcem** screeds. For smoothing over existing floors in concrete, ceramic and porcelain tiles and natural stone without priming. And over any MAPEI surface applied DPM's.

TECHNICAL CHARACTERISTICS

Latexplan No Ammonia 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 No Ammonia can receive light foot traffic after approximately 60 minutes and is ready to receive floor coverings after 4hrs, depending on the ambient temperature.

Latexplan No Ammonia has a very low odour, making it suitable for use in confined and inhabited areas, where working and/or occupation needs to be maintained.

Latexplan No Ammonia should not be mixed with any additional latex or water.

APPLICATION PROCEDURE

Preparation of the substrate

The subfloor must be clean, structurally sound and free from grease, oil, paint, polish, dust, plaster droppings, surface contamination and any water softenable or loosely adhered materials. Any remaining adhesive residues should be checked to ensure that they are hard, sound and are not water softenable and have sufficient cohesive strength to receive a levelling compound. Bitumen residues must be hard and fully bonded to the substrate.
Where moisture sensitive floorcoverings are to be installed, a British Standard approved test should indicate a moisture level of 75% RH or less. If this level has not been achieved the use of a MAPEI surface membrane will control residual/static moisture in cementitious substrates.
Plywood substrates must be securely fixed in accordance with BS8203 i.e using minimum 6 mm external grade plywood or similar.
For gypsum and anhydrite substrates the maximum moisture level should be 0.5% w/w as measured

Latexplan No Ammonia

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
PART A	
Consistency:	fine powder
Colour:	grey
Dry solids content (%):	100
Bulk Density (kg/m^3):	1,400
Flammable:	no
PART B	
Consistency:	runny liquid
Colour:	white
Dry solids content (%):	9
Bulk density (kg/m^3):	1,05
Flammable:	no
COMPOSITION AND PROPERTIES OF THE MIXTURE	
Mixing ratio:	4.4 kg of **Latexplan No Ammonia** liquid with 20 kg of **Latexplan No Ammonia** powder
Thickness per coat:	3 mm to 10 mm
Density of mix (kg/m^3):	2,000
Application temperature range:	+5°C to +35°C
Workability (at +23°C):	20 minutes
Setting time:	30 minutes
Set to light foot traffic:	60 minutes
Time before laying floorcovering:	after 4 hours
FINAL PERFORMANCE DATA	
Compressive strength (N/mm^2): – after 28 days:	> 20
Flextural strength (N/mm^2): – after 28 days:	> 6
Resistance to abrasion after 28 days:	2.5 g

with a carbide hygrometer. In all cases, no higher than the level recommended by the manufacturer of the floorcovering. A suitable primer must be applied, such as MAPEI **Eco Prim T Plus**, prior to applying the smoothing compound to anhydrite or gypsum based screeds.

Priming
On highly porous and absorbent surfaces, a coat of primer prior to the application will prevent pinholes within the surface, providing a smooth even finish.
MAPEI **Eco Prim T Plus** acrylic primer may be used on all absorbent and non-absorbent substrates. For difficult and non-absorbent surfaces use MAPEI **Eco Prim Grip Plus**.
For marine use apply a thin coat of MAPEI **Eco Prim Marine** onto the clean dry surface without leaving pools of primer an the surface. allow the primer to dry (35-40 minutes) then apply MAPEI **Latexplan No Ammonia**.
MAPEI **Mapeproof ESM** and **Mapeproof One Coat** surface applied DPMs will only need priming if left for more than 18 hours.
MAPEI **Mapeproof 1K Turbo** must be primed prior to the application of MAPEI **Latexplan No Ammonia.**

Mixing
Mix 20 kg of **Latexplan No Ammonia** part A powder into 4.4 kg of **Latexplan No Ammonia** part B liquid. The **Latexplan No Ammonia** part B liquid container should be shaken and poured into a clean mixing container. The **Latexplan No Ammonia** 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 20 minutes at +23°C.
Do not add any additional latex liquid or water.
Do not over mix the products as this may create excessive heat and cause the mixed product to cure too quickly.

Application
The mixed product is poured onto the prepared sub-floor and spread with a smooth-edged trowel to the required thickness in one operation. Additionally, the use of a spiked aeration roller will ensure a smooth even finish that will not require any further attention prior to the floor coverings being installed.
Latexplan No Ammonia can be applied from featheredge to 10mm, although a minimum 3mm thickness is recommended to provide the optimum absorption for the adhesive, apply at a minimum floor temperature of +5°C or above.

Drying
At normal temperatures **Latexplan No Ammonia** is set to receive light foot traffic after 60 minutes and bonded floor coverings after 4hrs.

N.B. Latexplan No Ammonia *will remain a darker colour even when cured after 4 hours.*

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

COVERAGE
One unit (part A + part B) will cover approximately 5m^2 at 3 mm thickness.

STORAGE
Latexplan No Ammonia Part A has a storage life of approximately 12 months if stored in dry conditions.
Latexplan No Ammonia 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.
PRODUCT FOR PROFESSIONAL USE.

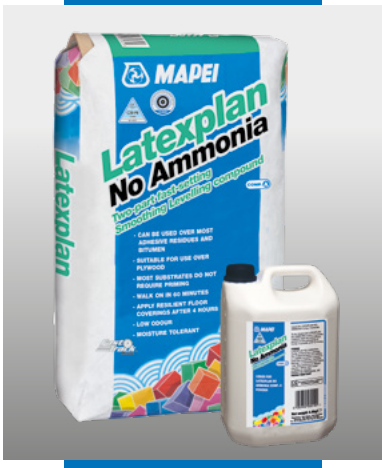
N.B.
Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable 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.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. ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

This symbol is a conformity mark which prove that the product is suitable for marine equipment in compliance with the Marine Equipment Directive (MED) 96/98/EC and subsequent amendments. For the products with this marking, MAPEI is also allowed to affix the U.S Coast Guard approval number as allowed by the "Agreement between the European Community and the United States of America on mutual recognition of certificates of conformity for marine equipment" signed February 27th, 2004.

All relevant references for the product are available upon request and from www.mapei.co.uk



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