PLANIPREP 4LVT

Ready-to-use grout smoother for LVT





WHERE TO USE

This product is used to level off and smooth over (down to a feather edge and in layers up to 2 mm thick) existing internal ceramic and stone surfaces. It fills the joints between the tiles and forms a fine-textured, smooth finish suitable for the installation of LVT tiles and planks very quickly (after 2 hours), such as:

- loose-lay LVT bonded with tackifier such as **Ultrabond Eco Tack 4LVT**;
- loose-lay click-connecting LVT;
- loose-lay self-adhesive or “tack-dry” LVT;
- LVT to be bonded with reactive adhesives (for example **Ultrabond Eco MS 1** or **Ultrabond Eco MS 4LVT Wall&Floor**);

Planiprep 4LVT can be used also for levelling and grounting different types of substrates and boards (such as wood, gypsum, fibre-cement etc.).

TECHNICAL CHARACTERISTICS

Planiprep 4LVT is an acrylic resin-based smoothing and levelling compound in water dispersion with mineral fillers and special additives. It is supplied as a ready-mixed paste with a special consistency which makes it easy to apply.

Planiprep 4LVT hardens very quickly without shrinking as the water evaporates off and bonds very strongly to the surfaces of existing tiles and grouts.

Planiprep 4LVT may be used to level off down to a feather-edge without applying adhesion promoter.

Surfaces smoothed over with **Planiprep 4LVT** have a very smooth, fine-textured finish, particularly suitable for LVT flooring.

Planiprep 4LVT is non-hazardous for floor-layers and end users and has been certified by GEV as a product with very low emission of volatile organic compounds (EMICODE EC1 Plus).

RECOMMENDATIONS

- Not suitable for external use.
- Apply at a temperature of +5°C to +35°C.
- Do not apply on flooring bonded to substrates with rising damp.

- The final surface of **Planiprep 4LVT** is non-absorbent. Therefore, when laying glue-down LVT, use two-component expoxy polyurethane adhesives or one-component sylilated polymer based adhesive (such as **Ultrabond Eco MS 1** or **Ultrabond Eco MS 4LVT Wall&Floor**) or smooth over the substrate with a 2 mm thick layer of smoothing compound compatible with adhesives in water dispersion (such as **Ultrabond Eco 4LVT**).

APPLICATION PROCEDURE

Preparation of the substrate

Existing flooring and grouts must be sound, dry and free of dust, loose material, paint, wax, oil, rust and traces of gypsum. Clean and de-grease the surface with a suitable detergent and/or by mechanically abrading the surface.

Application of the mix

Planiprep 4LVT is supplied ready-mixed and requires no preparation.

Mix the product before use.

Apply **Planiprep 4LVT** with a metal spreader over all the surface of the floor. Move the spreader diagonally to the grouts to form a thin film of adhesive on the tiles and fill the gaps and joints, without leaving steps or hollows, to form an even, smooth and flat surface.

The adhesive must be no more than 3-4 mm thick in correspondance of grouts.

Surfaces levelled off with **Planiprep 4LVT** are ready for the next phases (sanding, if needed, and installing LVT) 2 hours after application.

If you sand over the surface of the product, remove all the dust before laying LVT.



Levelling off and sealing the joints in existing ceramic floor tiles with Planiprep 4LVT



Sanding over the surface levelled off with Planiprep 4LVT



Removing dust after the sanding operation



Removing the protective backing from self-adhesive LVT



Laying self-adhesive LVT over ceramic levelled off with Planiprep 4LVT



Laying click-connecting LVT over ceramic levelled off with Planiprep 4LVT



Levelling off of an existing ceramic wall with Planiprep 4LVT

CLEANING

Clean **Planiprep 4LVT** from tools while still wet with water.

CONSUMPTION

Consumption of **Planiprep 4LVT** is approximately 0.08-0.1 kg/m^2.

PACKAGING

Planiprep 4LVT is supplied in 10 kg drums.

STORAGE

Planiprep 4LVT remains stable for at least 12 months if stored in a dry place.

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.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Consistency:	thick paste
Colour:	white
Bulk density:	1.65 g/cm^3
EMICODE:	EC1 Plus - very low emission

APPLICATION DATA (at +23°C and 50% R.H.)	
Application temperature:	+5°C to +35°C
Set to light foot traffic:	approx. 1 hour
Waiting time before sanding and bonding LVT:	2 hours

FINAL PERFORMANCE	
Resistance to moisture:	good
Resistance to ageing:	good
Resistance to solvents, oil and alkalis:	mediocre
Resistance to acids:	mediocre

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

Mapei S.p.A.

Via Cafiero, 22, 20158, Milano

+39-02-376731 www.mapei.com mapei@mapei.it

7701-9-2026 en (IT)

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