



Planiprep 4 LVT



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 4 LVT**;
- 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 4 LVT** or **Ultrabond Eco MS 4 LVT Wall**);

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

TECHNICAL CHARACTERISTICS

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

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

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

Planiprep 4 LVT 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 4 LVT** is non-absorbent. Therefore, when laying glue-down LVT, use two-component epoxy polyurethane adhesives or one-component silylated polymer based adhesive (such as **Ultrabond Eco MS 4 LVT** or **Ultrabond Eco MS 4 LVT Wall**) or smooth over

Planiprep 4 LVT



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



Sanding over the surface levelled off with Planiprep 4 LVT



Removing dust after the sanding operation

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	thick paste
Colour:	white
Bulk density (g/cm ³):	1.65
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

the substrate with a 2 mm thick layer of smoothing compound compatible with adhesives in water dispersion (such as **Ultrabond Eco 4 LVT**).

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 4 LVT is supplied ready-mixed and requires no preparation. Mix the product before use. Apply **Planiprep 4 LVT** 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 4 LVT** 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.

Cleaning

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

CONSUMPTION

Consumption of **Planiprep 4 LVT** is approximately 0.8-1.0 kg/m².

PACKAGING

Planiprep 4 LVT is supplied in 10 kg drums.

STORAGE

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Planiprep 4 LVT is not considered dangerous according to the current regulations regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for the handling of chemicals.

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.

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.



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

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



Removing the protective backing from self-adhesive LVT



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



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

Planiprep 4 LVT



Levelling off of an existing ceramic wall with Planiprep 4 LVT



BUILDING THE FUTURE