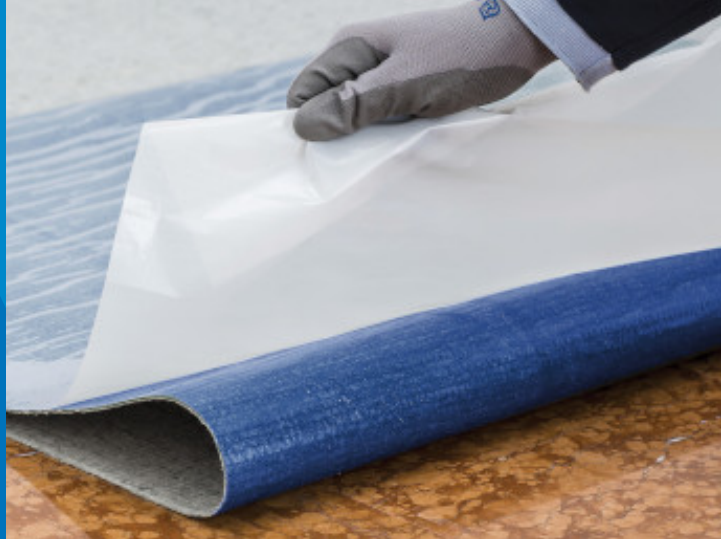


MAPESONIC SA 4 LVT

Self-adhesive acoustic underlayment for LVT



WHERE TO USE

Under-floor soundproofing system applied in a thin layer before laying all kinds of LVT floorings to counteract the transmission of noise through floors caused by footsteps.

Mapesonic SA 4 LVT has been specifically developed for application in existing buildings to improve soundproofing without removing the floors and screeds.

It is particularly suitable, therefore, for all buildings (residential units, hotels, offices, rest-homes, schools, etc.) under renovation.

Some application examples

Mapesonic SA 4 LVT may be used:

- under glue-down LVT in tiles and planks;
- under self-adhesive or tack-dry LVT;
- under loose-lay and click-connecting LVT;
- on all types of cementitious and anhydrite substrates;
- on old ceramic, stone, wooden and resilient floors.

When used with the adhesive side facing upwards, **Mapesonic SA 4 LVT** allows to fix click connecting LVTs, preventing them from slipping, improving meanwhile the acoustic comfort and preventing planks and tiles from aesthetical defects due to telegraphic effects from existing subfloors with grouts and joints. In this case, at the end of its life, the LVT flooring and the underlayment can be removed, returning to the original state the existing flooring.

TECHNICAL CHARACTERISTICS

Mapesonic SA 4 LVT is a high density, fiberglass reinforced acoustic underlay with an adhesive side, specifically developed for using under LVT floorings.

Product properties

- efficient reduction of noise from footsteps up to 16 dB (ISO 10140-1);
- reduces noise caused by walking up to 32% (EPLF 21029);
- covers cracks and joints up to 5 mm width;
- easy and quick installation;
- low thickness;
- high compression strength;
- very good dimension stability;
- material is 100% recyclable;
- may be applied on heated floors.
- fire classification due to EN 13501 as B_{f1}-s1.

WARNINGS

- Only apply on horizontal internal surfaces.
- Do not apply in areas subject to very heavy traffic (Airports, Shopping-Malls, etc.).

- When applying the product on cement or anhydrite substrates ensure they are completely cured.
- Do not apply on floating floors.
- Make sure the product is applied on solid substrates.
- Do not apply over structural joints.
- Do not apply on substrates subject to continuous rising damp.

APPLICATION PROCEDURE

Preparing the substrate

Substrates must be dry, well cured, mechanically strong, coherent, dry, flat, level, free of cracks, dust and all other products that can interfere with bonding.

Make sure there is no continuous rising damp present.

Mapesonic SA 4 LVT may be laid also on old existing floorings of different types, as long as they are well bonded to the substrate and have been cleaned to remove traces of grease, oil, wax, varnish, etc.

Dusty surfaces, e.g screeds or grinded levelling compounds, have to be treated with a suitable primer (for instance **Eco Prim VG**) before the installation of **Mapesonic SA 4 LVT** on them with its own adhesive.

To repair cracks in the substrate, consolidate and waterproof screeds, form new fast-drying screeds and level uneven substrates, please refer to the relevant technical documentation or contact the MAPEI Technical Services Department.

Laying of Mapesonic SA 4 LVT

With the adhesive side facing downwards

Mapesonic SA 4 LVT must be laid in a continuous layer over the entire surface, with the adhesive side facing downwards, transverse to the later direction of the LVT flooring.

Roll the sheets up again to half their length, remove the protective liner and lay down the sheets again; take care to avoid air pockets and carefully rub the sheet down to ensure good adhesion to the substrate.

Afterwards, repeat the procedure for the second half of the sheet.

Laying of glue-down LVT on Mapesonic SA 4 LVT

Immediately after laying the underlayment, the glue-down LVT flooring may be bonded on it using **Ultrabond Eco 4 LVT** or **Ultrabond Eco V4 SP**.

Laying of self-adhesive, loose-lay and click-connecting LVT on Mapesonic SA 4 LVT

Immediately after laying the underlayment, the loose-lay LVT flooring may be installed. To prevent slipping of the tiles and planks, the application of the permanent tack adhesive **Ultrabond Eco Tack 4 LVT** is recommended.

Follow the manufacturer's instructions as for the laying techniques.

With the adhesive side facing upwards

Mapesonic SA 4 LVT must be laid in a continuous layer over the entire surface, with the adhesive side facing upwards, transverse to the later direction of the LVT flooring.

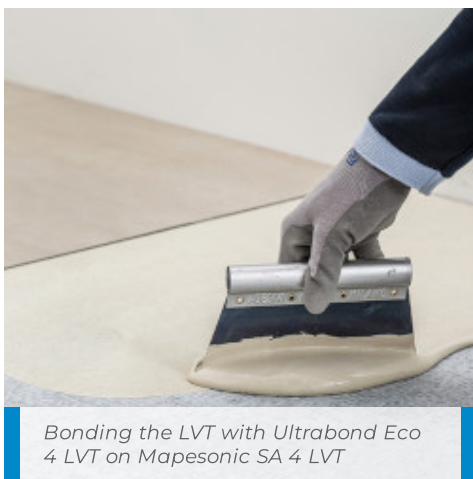
Gradually remove the protective liner to uncover the area where the next tiles or planks are to be applied.

Lay down the click connecting LVT, than carefully rub down to ensure good adhesion of the LVT to the underlayment.

Follow the manufacturer's instructions as for the laying techniques.



Application of Mapesonic SA 4 LVT with the adhesive film facing downwards



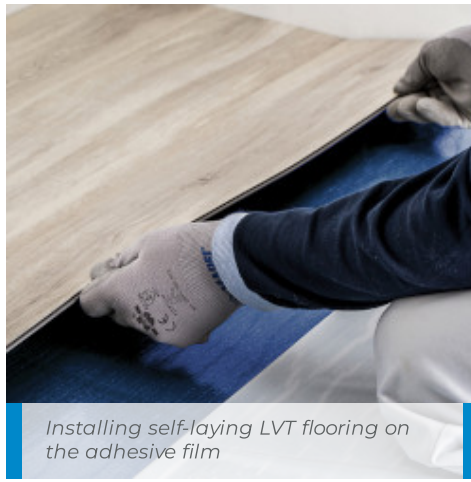
Bonding the LVT with Ultrabond Eco 4 LVT on Mapesonic SA 4 LVT



Application of Mapesonic SA 4 LVT with the adhesive film facing upwards



Removing the protective film



Installing self-laying LVT flooring on the adhesive film

PACKAGING

Rolls of 10 m² (thickness 1.7 mm, width 1 m, length 10 m).

STORAGE

Unlimited storage in a cool and dry place. Always store the rolls in an upright position.

SAFETY INSTRUCTION FOR PREPARATION AND APPLICATION

Mapesonic SA 4 LVT is an article and referring to the current European regulations (Reg. 1906/2007/CE - REACH) does not require the preparation of the material safety data sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Thickness:	1.7 mm
Colour:	blue
Weight (kg/m ²):	1.1
EMICODE:	EC1 Plus - very low emission
Fire class (EN 13501-1):	B _{fl} -s1
Thermal resistance R (EN 12667):	0.01 m ² K/W
Reduction of noise from footsteps in compliance with ISO 10140-1:	16 dB (with 2.5 mm LVT)
Compression strength (EN 826):	1958 kPa
Dimensional stability (ISO 23999) (%):	< 0.2

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 effect at the time of the MAPEI product installation.

For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com.

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