



Mapecoat 4 LVT

Two component aliphatic, anti-slip polyurethane finish in water dispersion for LVT



WHERE TO USE

Transparent protective matt (10 gloss) or semi-gloss (30 gloss) finish for LVT floor and wall coverings. Provides a non-slip finish with high resistance to wear on LVT flooring in civil and commercial surroundings, including areas subjected to high volumes of pedestrian traffic.

TECHNICAL CHARACTERISTICS

Mapecoat 4 LVT is a two-component, water-based, 100% polyurethane, aliphatic (non yellowing) finish.

Product properties

- High resistance to abrasion and streaks.
- Resistant to ultra-violet rays; does not yellow.
- Protects LVT floors from ultraviolet rays.
- Seals joints in LVT floor and wall coverings that are splashed or need to be cleaned frequently.
- Resistant to certain aggressive chemicals.
- Odourless.
- Easy to apply.
- Solvent-free.

- EMICODE EC1 PLUS (very low emission).
- Harmless for floor installers and end users.

When used in combination with **Ultrabond Eco MS 4 LVT** silylated polymer-based reactive adhesive (or the thixotropic version **Ultrabond Eco MS 4 LVT/Wall**), along with the most suitable substrate preparation products and sealants for these types of application, it forms a complete, safe system for installing LVT in damp environments, including walls and floors in shower cabins.

RECOMMENDATIONS

- Do not use on external surfaces.
- Use at temperatures between +10°C and +35°C.
- Use only clean containers and tools.
- Completely remove all traces of previous treatments in order to obtain an even finish.
- Protect treated surfaces from direct sunlight and draughts for the first three hours after application.

APPLICATION PROCEDURE

Preparation of the floor

The surface must be clean and dry and have no traces of oil, wax or any other contaminant. Remove any waste material or traces of adhesive that could affect adhesion from the surface with a red or green **Ultracoat Pad**.

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	part A	part B
Consistency:	liquid	liquid
Colour:	milky white	transparent
Density (g/cm³):	1.025	1.075
EMICODE:	EC1 - very low emission	
APPLICATION DATA (at +23°C and 50% R.H.)		
Mixing ratio:	5/1	
Viscosity part A+B (Ford Cup nr. 4):	50 sec.	
Dust dry:	30	
Touch dry:	50	
Re-varnishing (if required):	min. 2 h - max. 48 h (After more than 48 hours, the surface will need to be adequately prepared with a red or green Ultracoat Pad)	
Set to light foot traffic:	16 h	
Ready for use:	24 h	
FINAL PERFORMANCE		
Gloss level (approximate value):	10, 30	
Slip resistance according to DIN 51130:	R11	
Slip resistance according to DIN 13036-4 (pendulum method):	dry: 90 wet: 55	

Preparation and application of the product

Shake component A before use and pour the product into a suitable clean basin. Add component B at a ratio of comp. A : comp. B = 5 : 1 (in weight) and mix thoroughly until completely blended. Apply the mix within 2 hours of blending. Leave the product to stand for 5-10 minutes before applying one coat by mean of a short-haired roller (such as **Ultracoat Roller T3**) or the airless spray system.

Cleaning

Tools and residuals of **Mapecoat 4 LVT** may be cleaned with water while the product is still fresh. Once hardened, the product may only be removed mechanically.

CONSUMPTION

First coat 80-100 g/m²; second coat 50-70 g/m².

STORAGE

12 months in its original, sealed packaging in a dry place. Protect from freezing weather. For transport at low temperatures, use vehicles with temperature-controlled units.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapecoat 4 LVT comp. A is not considered dangerous according to current norms regarding the classification of mixtures. **Mapecoat 4 LVT** comp. B is hazardous if inhaled, it is irritant for the respiratory system and it may cause

sensitization if it comes in contact with subjects sensitive to isocyanates. During use, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. Wear a suitable device to protect the respiratory system. Furthermore, **Mapecoat 4 LVT** comp. B is dangerous for aquatic life. Do not dispose of it in the environment. 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 ONLY 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



**Mapecoat
4 LVT**



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