



Ultrabond Eco Tack 4 LVT



**Pressure sensitive,
permanent tack
adhesive for loose
lay floorings in planks
and tiles**



WHERE TO USE

Non-permanent bonding of loose laid textile and resilient flooring tiles. Particularly suitable for effect loose lay vinyl floorings in planks and tiles (LVT).

Some application examples

Ultrabond Eco Tack 4 LVT may be used to hold loose lay resilient and carpet tiles with any type of backing in place and to prevent them slipping on all types of substrate normally used in the building industry, on existing flooring or on any type of raised floor.

Ultrabond Eco Tack 4 LVT is suitable for use on heated floors (the maximum temperature of the floor must not exceed levels prescribed by current standards). The heating must be switched off at least 48 hours before, during and after installation of the floor covering.

Ultrabond Eco Tack 4 LVT enables the flooring to be lifted and replaced easily when required.

TECHNICAL CHARACTERISTICS

Ultrabond Eco Tack 4 LVT is a solvent-free, acrylic resin-based adhesive in water dispersion. It is supplied in a cream-coloured paste form and is applied by roller or brush.

When dry, the film of **Ultrabond Eco Tack 4 LVT** remains tacky so that loose lay floorings may be held in place and then easily removed and/or replaced.

Ultrabond Eco Tack 4 LVT is particularly suitable for installing loose lay LVT, in that it reduces their tendency to shrink and expand at the ends and between the joints.

Ultrabond Eco Tack 4 LVT is non-flammable and is not hazardous for those who use the product or use areas where it has been applied. It may also be stored without taking any particular precautions.

RECOMMENDATIONS

- Install floor coverings at the temperature recommended by the manufacturer (usually between +15°C and +35°C).
- Do not apply on damp substrates or on substrates subject to rising damp.
- If flooring is installed on **Ultrabond Eco Tack 4 LVT** before it is completely dry, the bond becomes permanent.

APPLICATION PROCEDURE

Preparing the substrate

Substrates must be dry, level, sound, mechanically strong, free of dust, loose particles, cracks, paints, wax, oil, rust, traces of gypsum or other products that can interfere with bonding. The regulations of each country must be strictly followed.

Commonly, the moisture content must be respectively as follows: max 2%-2.5% for cementitious substrates (max. 0.5% for gypsum or anhydrite-based substrates). It is essential to make sure there is no rising damp present. Un-bonded screeds laid over light-weight concrete or over insulation and screeds laid directly onto earth must be separated by a vapour barrier to prevent rising damp.

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 DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid paste
Colour:	pale beige
Density (g/cm ³):	1.00
pH:	9.00
EMICODE:	EC1 - very low emission
APPLICATION DATA (at 23°C - 50% R.H.)	
Application temperature range:	from +15°C to +35°C
Waiting time:	install flooring when the adhesive becomes transparent (after 2-12 hours, depending on surrounding conditions and absorption of the substrate)
Set to light foot traffic:	immediate
Ready for use:	immediate
FINAL PERFORMANCE	
Resistance to passage of wheelchairs:	good
Heated floors:	suitable
Resistance to humidity:	good
Resistance to ageing:	excellent

MAPEI catalogue and Technical Note Book or contact the Technical Services Department. The surface of raised floors is usually suitable for applying **Ultrabond Eco Tack 4 LVT** directly. On particularly absorbent substrates, apply **Primer G** or **Eco Prim T** diluted to suit conditions with water.

Acclimatisation

Before starting the installation, make sure that the floor or wall covering and substrate are acclimatized to the recommended temperatures and R.H.

Spreading the adhesive

Ultrabond Eco Tack 4 LVT is ready to use and does not need any preparation. Before using, stir the adhesive in the bucket. Apply the adhesive evenly to the substrate with a roller or brush. It is also easy to apply the product with a notched trowel.

If you want the substrate to remain clean, apply the adhesive on the back of the tiles.

After spreading on the adhesive, wait until the water has completely evaporated before placing the flooring. Waiting time varies between 2 and 12 hours, depending on the surrounding temperature, the type of substrate and the amount of adhesive applied. It is important to wait until **Ultrabond Eco Tack 4 LVT** goes from white to transparent.

Installing the floor

Follow the installation instructions supplied by the manufacturer of the floor covering.

Place the floor covering and then apply pressure and roll the surface evenly 1 to 4 hours later roll again in two directions.

If **Ultrabond Eco Tack 4 LVT** becomes less

tacky with time due to the presence of dust apply another layer of adhesive.

Cleaning

Use water to remove traces of adhesive from floors, tools and hands while it is still fresh. Once dry, alcohol must be used. Remove dry **Ultrabond Eco Tack 4 LVT** from substrates with **Pulicol 2000**.

CONSUMPTION

Consumption varies according to the type of substrate:

Short-hair roller: 90-110 g/m²
Long-hair roller: 110-130 g/m²
No 1 MAPEI Trowel or TMB A1: 200 g/m²

PACKAGING

The product is supplied in 15 kg drums.

STORAGE

Ultrabond Eco Tack 4 LVT remains stable for at least 12 months under normal conditions in its original, sealed packaging. Protect from freezing weather.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultrabond Eco Tack 4 LVT is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. However, we recommend using protective gloves and goggles, and to take the usual precautions for handling chemical products.

For further and complete information about a safety use of our product please refer to our latest version of the 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



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



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