ULTRABOND ECO TACK TX+

Carpet tile tackifier







WHERE TO USE

Ultrabond Eco Tack TX+ is an acrylic-based adhesive designed to provide a permanently tacky film when dry, to allow the removal and replacement of carpet tiles when required.
It can also be used to prevent loose lay LVT, textile floorings and carpet underlayments from slipping or moving.
For interior use only.

Some application examples

Installation of:

- dimensionally stable carpet tiles backed with bitumen/felt, non-woven fabric, PVC, polypropylene and other polymer backings;
- carpet paddings;
- loose lay textile floorings;
- loose lay LVT.

onto all substrates normally used in the building industry (concrete, cementitious screeds, dry-screeds, asphalt, terrazzo, plywood, etc.), smoothing compounds, existing floor coverings and raised access floor panels. **Ultrabond Eco Tack TX+** is also suitable for use over underfloor heating systems (surface temperature must not exceed levels prescribed by local regulations).

TECHNICAL CHARACTERISTICS

Ultrabond Eco Tack TX+ is an acrylic adhesive in water dispersion, formulated in a ready to use white viscous liquid, designed to provide a permanently tacky film when dry, which prevents loose lay tiles from moving.
Product properties:

- very easy to apply by roll;
- very low consumption;
- fast drying;
- easy removal or replacement of individual, damaged or worn tiles and coverings;
- suitable for exposure to castor wheels in accordance with EN 12529;
- not flammable;
- EMICODE EC1 Plus (very low emission);
- Blauer Engel DE-UZ 113.

RECOMMENDATIONS

- Install at recommended temperatures, normally between +15°C and +35°C.
- Do not install on damp substrates or on substrates subject to rising damp.
- when installing over underfloor heating systems, the heating should be switched off at least 48 hours before and after the installation of the floor covering.
- **Ultrabond Eco Tack TX⁺** cannot prevent dimensional changes in floor coverings; in areas subject to excessive temperature variations and in case of not completely dimensionally stable floorings, care should be taken as movement occurring may cause gaping.
- **Ultrabond Eco Tack TX⁺** bonds extremely well to the surface. Existing floor finishes can not be restored to their original condition.
- If flooring is placed before **Ultrabond Eco Tack TX⁺** is completely dry, the adhesion becomes permanent.
- In case **Ultrabond Eco Tack TX⁺** adhesive film becomes less tacky with time due to the presence of dust or for any other reason, the direct application of another layer of adhesive can be carried out.

APPLICATION PROCEDURE

Preparation of the substrate

All phases of the installation should comply with the latest editions of the local standards.
The sub-floor must be clean, free from any contaminants and structurally sound. Any surface additives that may hinder adhesion should be removed. They should also have an effective damp-proof membrane and be dry enough to receive a bonded floor covering.
The level of humidity must be the one foreseen by the regulation of each country and must never exceed the levels recommended by the manufacturer of the flooring.
On very absorbent substrates, first apply a coat of a suitable MAPEI acrylic primer in water dispersion (f.i. **Eco Prim T Plus**.) before applying **Ultrabond Eco Tack TX⁺**.
The surface of raised access panels is usually suitable for the direct use of **Ultrabond Eco Tack TX⁺** (avoid excess adhesive seeping between individual panels). In case of very absorbent panel surfaces, the application of a suitable MAPEI primer (f.i. **Eco Prim T Plus**, **Eco Prim VG**, etc.) is in any case recommended.
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 Service Department.

Acclimatisation

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

Spreading the adhesive

Shake the container thoroughly. Pour the content into a clean container or directly onto the surface and then apply evenly over the entire area using a roller.
Allow to dry to a transparent tacky film (10-20 minutes onto absorbent substrates). Drying times may vary according to sub-floor type and ambient temperature, humidity and airflow.
In any case install the flooring within 12 hours after the adhesive application.

Laying the floor

Follow the laying instruction supplied by the manufacturer of the flooring material. Lay the floor in place and then massage over the surface evenly.

CLEANING

Fresh adhesive can be cleaned off with water. Once hardened, the dried adhesive can be cleaned off with **Pulicol 2000** or alcohol.

CONSUMPTION

Consumption depends on the smoothness of the substrate and varies from 50 to 100 g/m².

PACKAGING

Ultrabond Eco Tack TX⁺ is available in 5 kg and 10 kg tanks and in 15 kg buckets.

STORAGE

Under normal conditions **Ultrabond Eco Tack TX⁺** is stable for at least 12 months in its original sealed packaging. Avoid prolonged exposure to frost.

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.
Keep out of the reach of children. Ensure good ventilation during and after use and drying. Do not eat, drink or smoke when using this product. In case of contact with skin or eyes, rinse immediately with plenty of water. Do not allow product to reach sewage system, water course or soil. Clean tools with soap and water immediately after use. Give only empty containers to recycling. Dried product residues may be disposed of as domestic waste. Product contains: BIT and CIT/MIT (3:1).
For information for allergic people or the technical data sheet, please call: +39/02/37673.1.
Product contains:
water, binder, preservative (VdL-RL 01/June 2018).
PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Consistency:	liquid
Colour:	white/transparent
Density:	1.00 g/cm³
Dry solid content:	60%
– EMICODE: **– Blauer Engel:**	EC1 Plus - very low emission DE-UZ 113

APPLICATION DATA (at +23°C - 50% R.H.)	
Application temperature range:	from +15°C to +35°C
Waiting time:	10-20 minutes. The installation should be carried out once the adhesive has become transparent (in any case within 12 hours)
Ready for use:	immediately after installation

FINAL PERFORMANCE	
Wheelchair stress:	suitable (according to EN 12529)
Underfloor heating systems:	suitable

Resistance to moisture:	good
Resistance to ageing:	excellent

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.

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