

ULTRABOND ECO TACK TX AU

Carpet tile tackifier



WHERE TO USE

Ultrabond Eco Tack TX AU 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 carpet underlayment, textile floorings, loose lay LVT, and VCT from slipping or moving.

For interior use only.

Application examples

Installation of:

- dimensionally stable carpet tiles backed with bitumen/felt, non-woven fabric, PVC, polypropylene and other polymer backings;
- carpet underlay;
- loose lay textile floorings;
- loose lay LVT (if allowed by flooring manufacturer);

onto all substrates normally used in the building industry (concrete, engineered screeds, terrazzo, plywood, etc.), smoothing compounds, existing hard flooring and raised access floor panels.

Ultrabond Eco Tack TX AU 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 AU is an acrylic adhesive in water dispersion, formulated in a ready-to-use blue 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 roller, trowel or brush;
- Colour pigmented to aid coverage uniformity;
- 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;
- Solvent free;
- Low odour;
- Low VOC for compliance with the relevant Green Star rating tool limits.

RECOMMENDATIONS

- Install the flooring at the temperature recommended by the manufacturer (usually between 15°C to 35°C).
- Do not apply on damp substrates or substrates affected by rising damp.
- If flooring is laid on **Ultrabond Eco Tack TX AU** before the film has dried, the bond is more permanent and may not be easily removed.
- 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, the heating should be gradually increased no more than 5 degrees per day.
- **Ultrabond Eco Tack TX AU** 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 AU** bonds extremely well to the surface. Existing floor finishes cannot be restored to their original condition.
- In case **Ultrabond Eco Tack TX AU** 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.
- For smooth backed or PVC backed carpet tiles the adhesive can be applied by roller.
- For cushion backed carpet tiles, dual bond carpet underlay or approved loose lay LVT apply by U1 or V1 notch trowel.

APPLICATION PROCEDURE

Preparation of the substrate

All phases of the installation should comply with the latest editions of the local standards. For Australia, this is AS 2455.

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. If required, apply a Mapei moisture vapour barrier such as **Mapeproof 1K Turbo** or **Primer MF**.

On very absorbent substrates, first apply a coat of a suitable MAPEI acrylic primer in water dispersion (i.e. **Eco Prim T Plus**) before applying **Ultrabond Eco Tack TX AU**.

The surface of raised access panels is usually suitable for the direct use of **Ultrabond Eco Tack TX AU** (avoid excess adhesive seeping between individual panels). In case of very absorbent panel surfaces, the application of a suitable MAPEI primer (i.e. **Eco Prim T Plus**) 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, ensure that the floor covering and the substrate are acclimatised to the recommended temperatures and R.H.

Spreading the adhesive

Ultrabond Eco Tack TX AU 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 using a roller, trowel or brush.

In the case that no adhesive residue is to remain on the substrate, the adhesive can be applied to the back of the tiles.

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

CLEANING

Use water to remove traces of adhesive whilst it is still fresh, from, floors, tools and hands, always protect adjacent surfaces where adhesive application is not required. Once dry, an alcohol type cleaner must be used to remove it, be careful the cleaner doesn't damage the surface.

CONSUMPTION

Consumption varies with uniformity of substrate, the back of the flooring and installation method (roller or trowel).

Consumption: 80-150 g/m².

PACKAGING

The product is supplied in 16 kg buckets.

STORAGE

Ultrabond Eco Tack TX AU remains stable for at least 12 months when stored in a cool, dry environment in its original, sealed packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet available for download from our website at www.mapei.com.au.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid
Colour:	blue
Density:	1.00 g/cm ³
Dry solid content:	47%

Green Star:

Very low VOC content (g/l)

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.au

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.au

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