



Ultrabond Eco

Carpet tile tackifier



**A solvent-free
non-staining
acrylic-adhesive in
water dispersion**



WHERE TO USE

A solvent-free, non-staining acrylic-based adhesive designed to provide a permanently tacky film when dry, to allow the removal and replacement of carpet tiles when required.

Some application examples

Use **Ultrabond Eco Tack** for:

- bonding carpet tiles backed with PVC, polypropylene, fibre backed bitumen and other polymer backings onto concrete, cementitious screeds, raised access floor panels, asphalt, terrazzo, chipboard, plywood, smoothing compounds and some existing floor coverings.

Ultrabond Eco Tack is also suitable for use over underfloor heating systems (surface temperature must not exceed British Standard recommendations). The heating should be switched off at least 48 hours before and after the installation of floor covering.

In areas subject to excessive variations of temperature, and floor coverings not completely dimensionally stable, care should be taken as movement may occur causing gaping.

APPLICATION PROCEDURE

Preparing the substrates

All phases of the installation should comply with the latest editions of British Standards.

The sub-floor should be clean, free from any contaminants and structurally sound. Any surface additives that may hinder adhesion should be removed. It should also have an effective damp-proof membrane and be dry enough to receive a bonded floor covering.

A British Standard approved test should give a reading of 75% R.H. or less, if this has not been achieved the use of **MAPEI surface membrane** will suppress residual/static moisture in a power floated concrete slab or sand/cement screed, provided that a base dpm has been incorporated.

Acclimatisation

Before beginning the installation, make sure that the adhesive, the material and the substrate are acclimatised to the recommended temperature. The material must be removed from any packaging and laid out to permit acclimatisation and reduction of tensions produced by packaging.

Smoothing/levelling compounds

Any cracks in the substrate should be filled with **Eporip** and deep indentations repaired with **Nivorapid** followed by the application of an appropriate MAPEI smoothing/levelling compound. On new uneven concrete, or other impervious substrates, the levelling compound should be applied at a minimum thickness of 3 mm. Where a concrete base has had surface treatment,

TECHNICAL DATA (typical values)	
PRODUCT IDENTIFICATION	
Consistency:	liquid
Colour:	light cream
Density (g/cm³):	1.05
pH:	7.5
Dry solid content:	58
Brookfield viscosity (mPa·s):	5000 (4 rotors - 20 RPM)
Storage:	12 months in original unopened packaging
Hazard classification according to EC 99/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packing and Safety Data Sheet
Customs class:	3506 91 00
APPLICATION DATA at +23°C – 50% R.H.	
Application temperature range:	from +15°C to +35°C
Waiting time:	the installation should be carried out once the adhesive has become transparent
FINAL PERFORMANCE DATA	
Resistance to wheelchair stress:	good
Underfloor heating systems:	suitable
Resistance to moisture:	good
Resistance to ageing:	excellent

this should be mechanically removed prior to the application of the levelling/smoothing compound.

Spreading the adhesive

To ensure an overall release bond is achieved, **Ultrabond Eco Tack** may be applied by trowel, brush or roller over the entire area and allowed to dry to a transparent tacky film.

For the best results and coverage the

adhesive should be applied with a lambswool or mohair roller pre-wetted with the adhesive.

When it is required to keep the substrate clean, the adhesive should be applied to the back of the tile, allowed to dry, then the tile may be laid onto the floor.

Once the adhesive has dried the tiles should be laid into position ensuring they are flat and no air is trapped.

Drying time

The drying time depends on the ambient temperature, humidity and airflow, but is considerably slower where conditions are cold and/or wet.

At 18°C the drying time should be generally 30 minutes to 12 hours.

Cleaning

Fresh adhesive can be cleaned off with water.

Once hardened, the dried adhesive can be cleaned off with **Pulicol** or white spirit.

CONSUMPTION

The consumption depends on the smoothness of the substrate: approximately 190-220 m² per 15 kg of product.

PACKAGING

Ultrabond Eco Tack is available in 15 kg buckets.

STORAGE

The shelf life of **Ultrabond Eco Tack** is 12 months if stored in its original unopened packaging.

SAFETY INSTRUCTIONS FOR THE PREPARATION AND APPLICATION

Ultrabond Eco Tack is not considered dangerous according to the current norms on the classification of chemical products. It is recommended 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.

N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application. No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification.

End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

Please refer to the current version of the Technical Data Sheet, available from our web site 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
More than 150 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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