ULTRABOND EC-TACK

Anti-slide tackifier with high residual tack for textile loose-lay tiles





WHERE TO USE

Non-permanent bonding of self-laying textile flooring tiles.

APPLICATION EXAMPLES

Ultrabond EC-Tack may be used to hold and prevent slipping of self-laying carpet tiles with any type of backing on all substrates normally used in the building industry, on existing flooring and on raised floors.

Ultrabond EC-Tack is also suitable for application on heated floors (the maximum temperature of the floor must not exceed levels prescribed by current norms). The heating must be switched off for at least 48 hours before and after installation of the floor covering.

The heating should then be turned on and brought up to operating temperature by no more than 5 degrees per day.

In areas subject to excessive temperature variations and for dressings not fully dimensionally stable, care must be taken to prevent movements opening up the joints.

TECHNICAL CHARACTERISTICS

Ultrabond EC-Tack is a solvent-free, acrylic resin-based adhesive dispersed in water. It is supplied as a cream-coloured paste and is applied by simple buttering with a trowel, roller or brush.

When dry, the film of **Ultrabond EC-Tack** remains tacky so that self-laying textile tiles may be bonded in place and then easily removed and/or replaced.

Ultrabond EC-Tack is non-flammable and has a very low emission level of volatile organic compounds (EMICODE EC1). It is not hazardous for those who use the product or who use the environment where it has been applied. It may also be stored without taking any particular precautions.

RECOMMENDATIONS

- Lay the flooring 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 laid on **Ultrabond EC-Tack** before it is completely dry, the bond becomes permanent.

APPLICATION PROCEDURE

Preparation of the substrate

Substrates must be clean, dry, absorbent, flat, mechanically strong and free of dust, loose parts, cracks, varnish, wax, oil and any other substance which could compromise the bond. The substrate must be installed on a suitable vapour barrier and must be dry when laying the flooring.

The level of humidity must comply with the values prescribed in current norms, as a general guideline a maximum of 2.5-3% for cementitious substrates and 0.5% for gypsum or anhydrite substrates. The level of humidity must never exceed the levels recommended by the manufacturer of the flooring.

Floating screeds installed on lightweight sub-layers or insulating material and screeds laid directly on the ground must be isolated by laying a vapour barrier.

The surface of raised and access floors are generally suitable for the direct use of **Ultrabond EC-Tack**.

To repair cracks in the substrate, consolidate screeds, install rapid-drying screeds and to level off the laying surface, we recommend referring to the preparation of substrates section in the MAPEI catalogue, or contacting the MAPEI Technical Assistance Department.

Acclimatisation

Before beginning installation, make sure the floor, the adhesive and the substrate have been acclimatised to the recommended temperature. The flooring material must be removed from its packaging a few hours before laying.

Spreading on the adhesive

Apply **Ultrabond EC-Tack** on the substrate where the self-laying tiles are to be installed with a notched trowel.

If you wish 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 laying the tiles in place. Waiting time varies between 30 minutes and 12 hours according to the surrounding temperature, the type of substrate and the amount of adhesive applied. It is important in all cases to wait until **Ultrabond EC-Tack** goes from white to transparent.

Laying the floor

Follow the laying instructions supplied by the manufacturer of the flooring material.

Lay the flooring in place and then massage over the surface evenly.

If **Ultrabond EC-Tack** becomes less tacky with time due to the presence of dust or for any other reason, it may be made tacky again by simply applying another layer of adhesive.

CLEANING

Use water to remove traces of adhesive while it is still fresh from floors, tools and hands. Once dry, alcohol must be used.

Remove dry **Ultrabond EC-Tack** from substrates with **Pulicol 2000.**

CONSUMPTION

Consumption varies according to the type of substrate. Yield is approximately 190-220 m^2 per 15 kg of adhesive.

PACKAGING

The product is supplied in 15 kg tubs.

STORAGE

Ultrabond EC-Tack remains stable for at least 12 months under normal environmental conditions in its original, sealed packaging. Protect from frost.

SAFETY INSTRUCTIONS FOR THE 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.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Consistency:	liquid
Colour:	light cream
Density:	1.05 g/cm³
pH:	7.5
Dry solid content:	58
Brookfield viscosity:	5000 mPa·s (4 rotors - 20 RPM)
EMICODE:	EC1 - very low emissions

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

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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