



Ultrabond Eco Fix

Solvent-free pressure sensitive adhesive

Very low TVOC emission



WHERE TO USE

Ultrabond Eco Fix is a solvent-free, non-staining acrylic-based pressure sensitive adhesive with very low emissions of volatile organic compounds (VOC).

Used for both permanent and release bonding of a wide range of floor coverings, **Ultrabond Eco Fix** has an extremely strong bond when laid into wet, and excellent dry tack strength.

Some application examples

Ultrabond Eco Fix can be used:

- for the permanent bonding of dimensionally stable PVC/vinyl sheet and tiles and most carpets;
- as a pressure sensitive adhesive for the release bonding of underlays, carpet tiles, vinyl's and dimensionally stable carpet, it may be applied over all normal moisture stable substrates used in construction; wood, PVC, rubber, semi-flexible vinyl, linoleum, raised floors/panels of all types, ceramic, marble etc;
- in areas of wheeled and heavy foot traffic, it is non-flammable and does not contain toxic substances and has an extremely low emission level of volatile organic compounds (EMICODE EC1) which makes it harmless to those who use the product and the environment in which it is used, it may also be stored without taking any particular precautions.

- 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 the floor covering.

RECOMMENDATIONS

- Install in recommended temperatures, normally between +15°C and +35°C.
- On highly absorbent substrates, first apply a coat of **Eco Prim T** before applying **Ultrabond Eco Fix**.
- Floors with a moisture level above 75% R.H. should be treated first with MAPEI surface membrane.

APPLICATION PROCEDURE

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.



Example of rubber flooring tiles laid using Ultrabond Eco Fix - IBM Centre - Spain



Carpet laid in Post Office Centre using Ultrabond Eco Fix - Post Tower - Italy

TECHNICAL DATA (typical values)

PRODUCT IDENTIFICATION

Consistency:	creamy paste
Colour:	light cream
Density (g/cm):	1.05
pH:	8
EMICODE:	EC 1 - very low emission

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 or immediately if a permanent bond is required

FINAL PERFORMANCE DATA

Resistance to wheelchair stress:	good
Underfloor heating systems:	suitable

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

Applying the adhesive

Apply the adhesive evenly over the substrate with an A2-notched trowel or a roller. If a permanent bond is required, the floor covering should be laid into the adhesive while still wet; if a release bond is required the **Ultrabond Eco Fix** should be allowed to dry, the adhesive will change colour from white to transparent.

Drying time

From 30 minutes to 3 hours, depending on the amount of the adhesive, the type of substrate and temperature condition.

Cleaning

Fresh adhesive can be cleaned off with water.

Once hardened, the dried adhesive can be cleaned off with **Pulicol 2000** or white spirit.

CONSUMPTION

Depending on the smoothness of the substrate approx. 95-110 m² per 15 kg of product.

Approx. from 105 to 150 m² for 15 kg buckets if applied by roller.

PACKAGING

Ultrabond Eco Fix is available in 15 kg buckets.

STORAGE

The shelf life of **Ultrabond Eco Fix** is 12 months if stored in its original unopened packaging. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultrabond Eco Fix is not considered as dangerous according to the current regulation regarding the classification of mixtures. We recommend to wear protective gloves and goggles and to take the usual precautions for handling chemicals.

For further and complete information about the safe 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 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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BUILDING THE FUTURE

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