



Ultrabond Eco Contact



Solvent-free contact adhesive for resilient and textile floor and wall coverings

WHERE TO USE

Ultrabond Eco Contact is a contact adhesive for internal use for bonding steps, skirting, fillets and corner pieces made from the following materials:

- PVC;
- all types of carpet;
- linoleum;
- rubber;
- cork.

On all types of substrate normally used in the building industry once they have been prepared correctly.

TECHNICAL CHARACTERISTICS

Ultrabond Eco Contact is a solvent-free adhesive with very low emission of VOC (certified EMICODE EC1 Plus). It is applied using the double buttering method and is an alternative to solvent-based polychloroprenic adhesives normally used to bond skirting, fillets, corner pieces, steps, wall coverings, etc.

Particularly suitable for use in closed internal environments and in areas frequented by people (hospitals, offices, homes, etc.).

The viscosity of **Ultrabond Eco Contact** means that it may be applied by trowel (MAPEI N° 1 trowel) or with a long-haired or foam roller. The film of adhesive dries very rapidly after application and, once dry, becomes transparent and slightly sticky.

RECOMMENDATIONS

- Install flooring between +15°C and +35°C.
- Do not use on damp substrates or substrates subject to rising damp.
- Do not lay the covering on the substrate until the water contained in the adhesive has almost completely evaporated.
- Do not dilute **Ultrabond Eco Contact** with water or solvents.

APPLICATION PROCEDURE

Preparing the substrate

Substrates must be dry, flat, sound, free of dust, loose particles, varnish, wax, oil, rust, gypsum residues and other materials that may interfere with bonding. Check moisture content throughout the entire thickness of the substrate with an electric or carbide hygrometer, keeping in mind that the former gives only approximate values.

The level of humidity must be within the limits prescribed by the manufacturer of the covering material and is usually around:

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	creamy paste
Colour:	white
Density (g/cm ³):	1.20
Brookfield viscosity (mPa·s):	90,000 (# 6 rotor - 5 rpm)
Dry solids content (%):	63
pH:	8
EMICODE:	EC1 Plus - very low emission
COMPOSITION AND PROPERTIES OF THE MIXTURE (at +23°C and 50% R.H.)	
Waiting time:	30 minutes to 2 hours depending on application, ambient temperature, humidity and absorbency of the substrate. Flooring may be installed after up to 18 hours from applying the adhesive.
Set to light foot traffic and ready for use:	immediately
FINAL PERFORMANCES	
Resistance to heat:	good
Peel 90° adhesion test in compliance with EN 1372 (N/mm):	
– textile floors:	1.2
– PVC floors:	1.2
– rubber floors:	1.2

– for cementitious substrates, a maximum of 2.5 to 3% w/w;
 – for gypsum or anhydrite based substrates, a maximum of 0.5% w/w.
 Floating screeds over layers of insulation and screeds direct to ground must be poured over a vapour barrier to prevent rising damp.
 Refer to the relative technical documents for information on how to prepare substrates correctly or contact MAPEI Technical Services Department.

Acclimatising

Before installing, make sure that the covering and the substrate are acclimatised to the recommended temperature. Several hours before installation, rubber, linoleum and PVC floor and wall coverings should be removed from their packaging and unrolled, or at least loosened, to

acclimatise them and reduce the tensions caused by packaging. Carefully follow the manufacturer's installation instructions.

Spreading the adhesive

Apply **Ultrabond Eco Contact** with a roller or small-notched trowel evenly on both the covering and on the substrate (approx. 150 g/m² per coat and per surface).
 First apply the adhesive on the less absorbent surface.
 Let the adhesive dry on both surfaces until the adhesive becomes transparent; drying time varies from 30 minutes to around 2 hours, depending on the application method used, the surrounding temperature, the level of damp in the surrounding air and the absorption of the substrate.
 Flooring may be installed after up to 18 hours from applying the adhesive.

When the adhesive becomes transparent position the material on the substrate, smoothing vigorously and evenly with a straight-edged trowel or suitable tool to ensure total transfer of the adhesive on both surfaces and to eliminate air bubbles. Once the wall or floor covering has been placed it adheres immediately and its position cannot be adjusted.

Cleaning

While still wet, traces of **Ultrabond Eco Contact** can be removed from floor and wall coverings, tools, hands and clothing with water. When dry, use alcohol or **Pulicol 2000** to remove from surfaces.

CONSUMPTION

Approx. 150 to 200 g/m² per coat per surface.

PACKAGING

Ultrabond Eco Contact is available in 10 kg and 5 kg drums.

STORAGE

Protect from frost during transit and storage. Under normal conditions **Ultrabond Eco Contact** has a shelf life of 12 months in its original sealed packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultrabond Eco Contact is not considered dangerous according to the European regulation regarding the classification of mixtures. It is recommended to wear gloves and goggles and to take the usual precautions taken for the handling of chemicals.

For further and complete information about the safe use of our product please refer

to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

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



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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