ULTRABOND CONTACT

Solvent-free contact adhesive for resilient and textile floor and wall coverings. Suitable for bonding covings, fillets, steps and corner pieces



WHERE TO USE

Ultrabond 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 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 Contact** means that it may be applied by trowel (MAPEI N° 1 trowel or TKB A1/A2) 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 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 and is usually around:

- for cementitious substrates, a maximum of 2.0 to 2.5% w/w;
- for gypsum or anhydrite based substrates, a maximum of 0.5% w/w.

In any case, the current regulations of each country must be respected.

Floating screeds over layers of insulation and screeds direct to ground must be isolated with a vapour barrier.

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 Contact** with a roller or small-notched trowel evenly on both the covering and on the substrate (approx. 150 g/m^2 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 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/m^2 per coat per surface.

PACKAGING

Ultrabond Contact is available in 5 kg and 2.5 kg drums.

STORAGE

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

SAFETY INSTRUCTIONS FOR 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:	creamy paste
Colour:	white
Density (g/cm³):	1.15
pH:	9
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 PERFORMANCE	
Resistance to heat:	good
Peel 90° adhesion test in compliance with EN 1372 (N/mm): **– textile floors:** **– PVC floors:** **– rubber floors:** **– linoleum floors:**	in compliance with EN 14259

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. 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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6506-9-2026 en (IT)

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