



Ultrabond Eco 530

**Fast and strong
initial bond linoleum
adhesive**



www.blauer-engel.de/uz113



WHERE TO USE

Water-based, fast and strong initial tack, also wet, adhesive with leg development, suitable for linoleum in sheets and panels up to 4 mm thick as well as for cork-linoleum and corkment underlay, on all kinds of internal, absorbent substrates stable in the presence of humidity.

Suitable for:

- normal and high stresses in residential, commercial and industrial environments (e.g. in hospitals, shopping centers, airports, offices, etc.);
- stresses from chair castors according to EN 12529;
- underfloor heating systems;
- installing resilient wall coverings.

TECHNICAL CHARACTERISTICS

Ultrabond Eco 530 is a synthetic polymer-based single-coat adhesive in water dispersion, formulated in a ready-to-use light beige paste.

Product properties:

- very easy to apply;
- high wet grab;
- fast leg development;
- suitable for castor wheels in accordance with EN 12529;
- non-flammable;

– EMICODE EC1 Plus (very low emission);

– Blauer Engel DE-UZ 113.

RECOMMENDATIONS

- Install at normally prescribed temperatures (between +15°C and +35°C).
- Do not use on substrates not protected from rising damp.

APPLICATION PROCEDURE

Preparing the substrate

Substrates must be dry, absorbent, flat, sound, mechanically strong without cracks, free of dust, loose particles, paint, wax, oil, rust, gypsum residues and other materials which could interfere with bonding.

The moisture content must comply with the local regulations.

It is essential to make sure there is no rising damp present.

Unbonded screeds over light-weight concrete or over an insulation layer or screeds laid directly onto earth must be provided with a vapour barrier to prevent rising damp.

To repair cracks in the substrate, consolidate screeds, form fast-drying screeds and level uneven substrates, it is recommended to refer to the section in the MAPEI catalogue concerning the preparation of substrates or contact the Technical Services Department.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	creamy paste
Colour:	light beige
Density (g/cm ³):	1.30
pH:	8
– EMICODE: – Blauer Engel:	EC1 Plus - very low emission DE-UZ 113 For further information refer to the Safety Data Sheet
APPLICATION DATA (at +23°C - 50% R.H.)	
Application temperature range:	from +15°C to +35°C
Waiting time:	0-10 minutes
Open time:	15-20 minutes
Set to light foot traffic:	3-5 hours
Ready for use:	24-48 hours
FINAL PERFORMANCE DATA	
Peel bonding at 90° according to EN 1372 (N/mm): – linoleum:	in compliance with EN 14259

Spreading the adhesive

Ultrabond Eco 530 is ready to use and does not need any preparation. Before using, stir the adhesive in the bucket. Apply the adhesive evenly to the substrate with a suitable notched trowel.

Installing the flooring

Follow the manufacturer's instructions as for the installation techniques.

Leave a waiting time (0-10') according to the application quantity, climatic conditions, substrate absorbency and type of covering. Make sure not to exceed the open time (15-20') and to ensure a good transfer to the backing of the covering.

Lay the floor covering whilst still wet: the adhesive ridges has to be impressed.

Take care to avoid air pockets and carefully rub the floor covering down to ensure good adhesive transfer to the backing. Avoid excessive stress at the seams. After some

minutes installing the floor covering, it is always necessary to carefully roll it down again or to firmly rub it down.

Note: waiting and open time may vary depending on temperature, relative humidity and absorbency of the substrate. They will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with low absorbent substrates.

Cleaning

Whilst still wet, traces of Ultrabond Eco 530 can be removed with water. When dry, use alcohol or Pulicol 2000.

CONSUMPTION

Consumption varies with the uniformity of the substrate, the back of the flooring and the trowel used, from 0.30 to 0.45 kg/m² (TKB B1, B2 or MAPEI nr. 2).

PACKAGING

Ultrabond Eco 530 is available in 16 kg drums.

STORAGE

Under normal conditions **Ultrabond Eco 530** is stable for at least 12 months in its original sealed packaging. Avoid prolonged exposure to frost.

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.

Keep out of the reach of children. Ensure good ventilation during and after use and drying. Do not eat, drink or smoke when using this product. In case of contact with skin or eyes, rinse immediately with plenty of water. Do not allow product to reach sewage system, water course or soil. Clean tools with soap and water immediately after use. Give only empty containers to recycling. Dried product residues may be disposed of as domestic waste. Product contains: BIT and CIT/MIT (3:1). For information for allergic people or the technical data sheet, please call: +39/02/37673.1.

The product contains:

water, binders, mineral fillers, additive, preservative (VdI-RL 01/June 2018).

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

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.



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.

**All relevant references
for the product are available
upon request and from
www.mapei.com**



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Eco 530**

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