eurocol

the strong connection

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646



EUROSTAR PREMIUM

Very low-emission and moisture-resistant floor covering adhesive especially for bonding according to the so-called 'wet-set' method of Natural Linoleum Tiles (e.g. Marmoleum Modular). Also ideally suited for bonding homogeneous and heterogeneous PVC and cushion vinyl tiles and slats, rubber floor covering in strips and tiles. Due to the hard adhesive film ideal for covering with moderate dimensional stability, which prevents seam formation. Preferably bond the covering in a wet adhesive bed, but semi-wet bonding is also possible. This adhesive is very easy to spread, has a long open time and a very high final adhesive strength. Resistant to moisture when cleaning the floor covering. Because the adhesive is IMO-certified, it can also be used on ships. Depending on the type of floor covering, choose the right adhesive comb for applying the adhesive. Thanks to EMICODE EC 1PLUS (very low emission) also suitable for BREEAM projects. Suitable for indoor use.

PRODUCT TYPING

Base	Superior acrylic dispersion.
Color	Beige.
Consistency	Thick liquid.

- Very low emission
- Emicode EC 1PLUS
- IMO certificated
- Wet-set adhesive
- Non-flammable
- Easy to apply
- Short waiting time
- Very long open time
- Good final bond strength
- Moisture resistant
- Good resistance against floor covering cleaning water
- Odour neutral
- Roller-castor-chair resistant

PROPERTIES

Consumption	250 - 350 g/m^2
Flammability	Non-flammable.
Sensitive to frost	Yes.
Specific weight	1.25 kg/l.

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APPLICATION

For installing:

- Natural Linoleum Tiles (e.g. Marmoleum Modular).
- PVC strips and tiles (including material which has less dimensional stability but still complies with the EN 434 standard).
- Carpet tiles with a PVC backing.
- Rubber tiles.

PROCESSING

Storage	Store cool and free from frost.
Tools	Pajarito spreader TKB-A tooth blade A3 for Marmoleum Modular. Pajarito Fein with tooth blade 61 for PVC strips/tiles and rubber tiles.
Curing	48 hours.*
Open time	Approx. 85 minutes.*
Waiting time	5-10 minutes.*
Shelf Life	15 months, in unopened packaging.
Cleaner	Water.

** The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

Substrate:

- 646 Eurostar Premium is suitable for any type of subfloor that has a good tensile and compression strength. The subfloor should also be even, clean, permanently dry and free from grease and dirt, according to the requirements of BS 8203 or DIN 18 365.
- When installing on impervious subfloors apply a 2 mm levelling compound layer.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Allow the materials to acclimatise for at least 24 hours before use or according to the manufacturer's instructions.
- Apply the adhesive with a fine-toothed spatula for adhesives (Pajarito TKB-A/tooth blade A3 for Marmoleum Modular or Pajarito Fein tooth blade 61 for PVC strips/tiles and rubber tiles). The use of the correct toothed spatula is extremely important to obtain a sealed adhesive bed, preventing moisture from cleaning water penetration through the seams of the tiles .
- After applying the adhesive, wait for approx. 5 to 10 minutes, depending on the climatological circumstances. A general indication of proper open time is when a light touch produces little transfer of adhesive to the finger, but a firm touch will flatten and "smear" the adhesive.
- If drying takes too long, due to unfavourable climatological circumstances, adhesive strips can be flattened with a saturated woollen roller. Tiles and strips can be placed thereafter immediately into the wet adhesive, preventing floating of the tiles. Alternatively, the first placed tiles can be linked together with painters tape right-angled applied to the seams.
- Always place the floor covering into the wet adhesive. Check the condition of the adhesive regularly.
- Remove dried adhesive strips (because of exceeding of open time) directly with a putty knife before applying new adhesive.
- Use a damp cloth for removing adhesive that potentially comes through the seams.
- Roll the floor covering thoroughly and continuously during the first 30 – 45 minutes after applying with a 60 kg roller. Press cross-cuts and longitudinal seams down firmly.
- Remove fresh adhesive spots immediately with water.
- Clean tools with water immediately after use.

Working conditions:
Required surrounding temperature : 18 - 23 °C.
Temperature for material and subfloor : min. 15° - max. 20 °C.
Relative humidity : 40 - 70%.

Further information:

- Keep out of reach of children.
- Keep area thoroughly ventilated during and after processing and drying.
- When processing do not eat, drink or smoke.
- In case of contact with eyes or skin, rinse immediately with plenty of water.
- Product residues and cleaning water drains according to local applicable environmental rules and do not drain in the sewer.
- Only hand in packaging without rest material for recycling purposes. Dried rest material can be disposed of as domestic waste.
- The product contains: CMIT/MIT in a 3:1 ratio and BIT.

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Composition: Acrylic acid copolymers, acrylate dispersion, styrene-butadiene copolymer, thickening, wetting and anti-foaming agents, mineral filler, water.

Underfloor heating systems:
646 Eurostar Premium can be applied on underfloor heating systems. The start protocol of the under floor heating needs to be completely executed in accordance with the directives of the supplier. Turn off the heater 24 hours before application. Turn off the heater 72 hours before application. Do not heat again until at least 48 hours after installation, in steps of maximum 5 °C water temperature per day. Floor temperature should not exceed 29 °C.

QUALITY AND GUARANTEE



ENVIRONMENT AND HEALTH

Hazard Class	None.
Safety and environment	Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Keep out of reach of children. Do not eat, drink or smoke while processing the product. Only give completely empty containers for recycling. Bound material residues can be disposed of as household waste.
MSDS	For extensive information about safety and environment we refer to our website www.eurocol.nl.

ITEM DATA

Article	Definition	Packaging	EAN-code
646	Eurostar Premium	12 kg bucket	8 710345 646109

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