eurocol

the strong connection

14-11-2026

640

EUROSTAR SPECIAL



Fast-grabbing adhesive with a longer open time and longer final tack than 540 Eurosafe Special, suitable for bonding PVC floor coverings in sheets, planks and tiles, cushion vinyl, Marmoleum Decibel and carpet with a PVC backing. Also suitable for bonding smooth floor coverings, such as rubber flooring in sheets (e.g. Noraplan). Onyx wall coverings can also be installed using this adhesive. Wet, semi-wet and dry bonding are all possible with this adhesive; the choice depends on the application and conditions. Also suitable for use on ships where IMO certification is required. Thanks to EMICODE EC 1PLUS (very low emissions), it is also suitable for BREEAM projects. Suitable for indoor use.

PRODUCT TYPING

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

- EMICODE EC 1PLUS (very low emmission)
- Non-flammable
- Multi-purpose application
- Easy to apply
- Favourable spreading capacity
- Short waiting time
- Very long open time
- Very high stickiness
- High final adhesion strength
- Odour neutral
- Roller-castor-chair resistant

PROPERTIES

Classification	GEV-EMICODE EC 1PLUS (very low emissions) tested in accordance with EN 13999-2/4. Suitable for BREEAM projects.
Consumption	225 - 275 g/m^2.
Flammability	Non-flammable.
Sensitive to frost	Yes.
Specific weight	1.25 kg/l.

APPLICATION

For installing:

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- PVC floor covering in sheets and tiles
- cushion vinyl
- PVC backed carpet
- rubber floor covering with a smooth back in sheets and tiles
- polyolefin floor covering
- Marmoleum Decibel
- Onyx wall covering

PROCESSING

Storage	Cool and dry, well sealed at normal temperature (5° - 30 °C).
Tools	852 Notched trowel / A2 notch
Curing	48 hours.*
Open time	Approx 10 - 120 minutes.*
Waiting time	Approx 10-50 minutes.*
Shelf Life	15 months, in unopened packaging.
Cleaner	Water.
Remarks	Technical information and safety data sheets of any laying materials and floor coverings used must be observed! Allow floorings to air condition in the rooms before laying. The coverings must be relaxed and laid flat. During the setting phase, the direct influence of heat/solar radiation, dynamic and point loads must be avoided. Do not weld the coverings until the following day at the earliest. In order to minimise residual impressions as far as possible, resilient floor coverings should always be placed in the wet adhesive bed and immediately rubbed down well to completely crush the adhesive ridges. If the insertion time is exceeded, during which the adhesive grooves can still be completely squashed, standing grooves remain which can mark the top side of thin coverings or be squashed under point loads. This leads to visible deformations in the floor covering structure. The work progress is to be set up in such a way that a flash-off time, at wetting of the reverse side of the flooring is guaranteed, is not exceeded. With regard to such markings any claims arising therefrom are excluded. In the case of textile coverings, attention must be paid to the dimensional stability when exposed to moisture (shrinkage). When bonding textile coverings without fillers, a flash-off time of approx. 20 minutes must be observed to prevent the still wet adhesive from "sticking" into the back of the covering. EMICODE, further information at www.emicode.com. Wear protective gloves / eye protection.

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

Substrate:

- 640 Eurostar Special 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:

- In most cases, apply the adhesive with a fine-toothed adhesive comb (Eurocol 852 adhesive comb/toothed A2). Type of spreader depends on the type of floor covering and condition of the subfloor.
- The adhesive can be used for wet, semi-wet, dry or contact bonding.
- Under "normal" climatic conditions (20 °C and 65% humidity), wait for at least 10 minutes
- Immediately after bonding roll the floor covering carefully. Sheet-ends and longitudinal joints are to be pressed firmly.
- Rolling and pressing should be repeated after approx. 30 - 45 minutes.
- Remove fresh adhesive spots immediately with water.
- Clean tools with water immediately after use

Working conditions:
Required surrounding temperature : 18 - 23 °C.

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Temperature for material and subfloor : min. 15° - max. 20 °C.
Relative humidity : 40 - 75%.

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.
- Avoid contact with eyes and skin and use suitable protective equipment.
- In case of contact with eyes or skin, rinse immediately with plenty of water.
- Dispose of product residues and cleaning water in accordance with local environmental regulations and do not dispose of them in the sewer.
- Only submit packaging without residues for recycling. Dried material remains can be disposed of with household waste.
- For detailed information about the safety measures, we refer to the safety information sheet on our website www.eurocol.nl.
- The product contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239 -6] (3:1), 1,2-benzisothiazol-3(2H)-one. May cause an allergic reaction.

Underfloor heating:
640 Eurostar Special can be applied on underfloor heating. . The startprotocol of the floorheating needs to be completly executed in accordance with the directives of the supplier. Turn off the heater 24 hours before application. Turn off the heater 24 hours before application. Do not heat again until at least 48 hours after installation, in steps of maximum 5 °C water temperature per day. Make sure that the floor temperature does not exceed 29 °C.

QUALITY AND GUARANTEE

0736/2026

GEV-EMICODE EC 1 PLUS very low emission

Forbo Eurocol Deutschland GmbH
Emissionsgeprüftes Bauprodukt nach DIBt Grundsätzen
Z-155.20-208

ENVIRONMENT AND HEALTH

GISCODE	D1
LEED	VOC 0 g/l, meets: IEQ Credit 4.1
DGNB	VOC 0 %, quality level: 4
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.
Substances causing allergy	Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction

ITEM DATA

Article	Definition	Packaging	EAN-code
640	Eurostar Special	12 kg Bucket	8 710345 640107

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed. This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work. The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content. As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use.

This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

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