eurocol

the strong connection

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641



EUROSTAR SPECIAL EC

Very low-emission, fast-setting, conductive adhesive for installing conductive carpet and PVC floor coverings in sheets and tiles and conductive rubber floor coverings in sheets and tiles with a flat back. Conductive resistance: < 3.10 5 Ω. Thanks to EMICODE EC 1PLUS (very low emission) also suitable for BREEAM projects. Suitable for indoor use.

PRODUCT TYPING

Base	Superior acrylic dispersion.
Color	Light grey.
Consistency	Thick liquid.

- Very low emission
- Emicode EC 1PLUS
- Non-flammable
- Easy and safe to apply
- Multi-purpose application
- High initial adhesion strength
- Favourable spreading capacity
- Roller-castor-chair resistant
- Electrical resistance < 3.10^5 Ohm (EN 13 415)

PROPERTIES

Consumption	TKB S1 260 - 300 g/m^2. TKB S2 400 - 500 g/m^2.
Electrical resistance	< 3.10 exp5 Ohm, measured in accordance with EN 13 415.
Flammability	Non-flammable.
Sensitive to frost	Yes.
Specific weight	1.30 kg/l.

APPLICATION

For the conductive installation of:

- conductive PVC floor covering in sheets and tiles
- conductive rubber floor covering in sheets and tiles with a smooth back (e.g. Noraplan ED or Norament ED)
- conductive carpet.

For an optimal conduction apply 641 Eurostar Special EC in combination with a lattice-work of 801 Eurostrip EC or apply 041 Europrimer EC. Before application consult the technical data sheet of 041 Europrimer EC and/or regulations of the floor covering manufacturer.

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Eurocol is part of the Forbo Group

PROCESSING

Storage	Store cool and free from frost.
Tools	For rubber and PVC floor covering on porous subfloors use adhesive spreader TKB S1 For carpet: adhesive spreader TKB S2.
Curing	48 hours.*
Open time	Approx 15 - 20 minutes.*
Waiting time	Approx. 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:

- The substrate must be pressure- and tension-resistant, permanently dry, free of cracks and dust, even and free of layers that reduce adhesion.
- Adhesion-reducing layers, old material residues must be removed by suitable mechanical measures in accordance with the specifications of DIN 18365/BS 8203.
- For levelling the substrate use recommended Eurocol levelling compounds/primers. On impervious subfloors apply a 2 mm levelling compound layer.
- For the application of conductive systems, the respective instructions of the floor covering manufacturers must be observed!
- If no special requirements are to be made, should the floor be primed with 041 Europrimer EC.
- Use 1m of 801 Eurostrip EC for each 30 m^2. Glue the strips into the dried primer/levelling compound.
- Alternatively, the copper stripe can be applied directly onto the levelling compound. The individual copper strips must be connected
  to each other by means of cross-connection. In this case it is not necessary to apply the 041 Europrimer EC.
- Grounding should be made by an authorized electrician.
- The installation materials to be used must be suitable for the substrate and the intended use.
- In advance always seek our technical data sheets. In doubt about the application ask for technical advice.

Instruction manual:

- Stir the adhesive well before use.
- Apply the adhesive with the recommended adhesive spreader (TKB S1 for rubber and PVC floor covering and adhesive spreader B2 for carpet).
- On absorbent subfloors apply the floor covering after approx. 10 minutes into the wet adhesive.
- Check regularly to ensure there is a good adhesive transport on the back of the floor covering.
- Roll the floor covering carefully. Sheet-ends and longitudinal joints are to be pressed firmly.
- Rolling and pressing should be repeated after approx. 30 minutes.
- Remove fresh adhesive spots immediately with water.

Working conditions:
Intended surrounding temperature : 18 - 23 °C.
Temperature for material and subfloor : min. 15° - max. 20 °C.
Floor covering temperature : Depending on type of floor covering, consult manufacturer. Relative humidity : 40 - 80%.

Underfloor heating systems:
641 Eurostar Special EC can be applied on underfloor heating systems. 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. Do not heat again until at least 24 hours after installation, in steps of maximum 5 °C water temperature per day.

Contains methylchloroisothiazolinone and methylisothiazolinone (3:1) and benzisothiazolinone. May produce an allergic reaction.

QUALITY AND GUARANTEE

GEV-EMICODE EC 1 PLUS very low emission

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

ENVIRONMENT AND HEALTH

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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
641	Eurostar Special EC	12 kg Bucket	8 710345 486415

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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