eurocol

**the strong connection**

15-10-2026

# 523

## EUROSTAR TACK EC

Conductive adhesive for PVC and textile, conductive wet-set adhesive, very fast applicable, very high final strenght, multipurpose.

### PRODUCT TYPING

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| Base | Acrylic dispersion. |
| Color | Gray. |
| Consistency | Thick liquid. |

- Dispersion-based, carbon-fiber containing conductive adhesive for electrically conductive installation of floor coverings according to floor covering manufacturer's instructions.
- For bonding of electrically conductive vinyl (e.g. Colorex), textile floor coverings, needle felt.
- For laying on standard-compliant, fully levelled, absorbent subfloors in combination with 041 Europrimer EC and/ or Copper Tape 801 Eurostrip EC net.
- Electrical resistance < $3.10^5$ Ohm (EN 13 415).
- Quickly setting and with high final strength.
- The product can be used on underfloor heating.
- Suitable for use with chair castors according to DIN EN 12529.
- Suitable for shampooing according to RAL 991 A2.
- For indoor use.
- Very low emission laying material certified according to EMICODE EC 1 Plus.
- Emission-tested construction product according to DIBt principles.

### PROPERTIES

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| Consumption | 250 - 400 g/m$^2$, depending on the back of the floor covering and condition of the subfloor. |
| Flammability | Non-flammable. |
| Frost resistance | No. |
| Special quality | electrically conductive |
| Specific weight | 1.23 kg/l |

### APPLICATION

For bonding of

- electrically conductive vinyl (e.g. Colorex),
- electrically conductive textile floor coverings, needle felt.

### PROCESSING

| | |
|---|---|
| Storage | Store cool and free from frost. |



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|---|---|
| Tools | Spreader S1/S2 (TKB). Type of spreader depends on the floor covering. |
| Curing | 24 hours.* |
| Open time | Approx 20 minutes. * |
| Waiting time | App. 5-20 minutes. * |
| Shelf Life | Approx 15 months, in unopened packaging. After use close the open packaging well. |
| Cleaner | Water. |
| Remarks | Technical information and safety data sheets of any laying materials and floor coverings used must be observed!<br>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.<br>Do not weld the coverings until the following day at the earliest.<br><br>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. With regard to such markings any claims arising therefrom are excluded. 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.<br>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.<br><br>The electrical conductivity is measured after the final setting.<br>EMICODE, further information at www.emicode.com.<br><br>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:

- 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.
- 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.

Instruction manual:

- Before use, temper the product according to the processing conditions.
- Stir before use!
- Depending on the type of flooring, apply the adhesive with a notched trowel to the subfloor over the entire surface and evenly without adhesive nests. The back of the flooring must be completely wetted with adhesive in scored format. Worn-out spatulas need to be replaced in time to guarantee the minimum adhesive consumption.
- Coverings must be laid in the adhesive bed which is still wet.
- The necessary flash-off time depends on the amount of adhesive (toothed strip), temperature, humidity and the absorbency of the subfloor.
  When finger-testing, the adhesive must have a soft centre, must be tacky, pull threads, but must not smear.
- Depending on the room climate and the absorbency of the substrate, the air-conditioned covering should be pushed into the adhesive bed immediately or after the flash-off time specified in the technical data, rubbed in and rolled on. Air pockets under the covering must be avoided or removed immediately.
- Head ends and non-flat covering edges must always be rolled in.
- If necessary, rub or roll the top ends, seams or other hollow areas again approx. 15 minutes after installation.

Working conditions:

At least 15 °C floor temperature,
at least 18°C material and room temperature,
35-75% relative humidity, recommended <65%.



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## QUALITY AND GUARANTEE

## 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 |
| 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 | Available on request. |
| 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

| artikel | productname | packaging | shipping unit |
|---|---|---|---|
| 523 | Eurostar Tack EC | PE bucket à 12 kg | 44/pallet |

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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