eurocol
Eurostar Tack EC

the strong connection

523 Tack EC

PVC ADHESIVE - ELECTRICALLY CONDUCTIVE

PRODUCT DESCRIPTION

Dispersion-based, carbon-fiber containing conductive adhesive with high initial bonding strength.

In combination with 041 Europrimer EC and/ or Copper Tape 801 Eurostrip EC net for electrically conductive installation of floor coverings according to floor covering manufacturer's instructions. Such as electrically conductive vinyl (e.g. Colorex), textile floor coverings, needle felt on prepared absorbent standard subfloors.

For indoor use only.

Very low VOC emission. EMICODE EC 1 Plus, GISCODE D 1

FLOOR COVERING

GEV-EMICODE EC 1 PLUS sehr emissionsarm

Made in Germany

PRODUCT FEATURES

The universal wet-set adhesive for absorbent subfloors achieves an electrical resistance as of <3 x10^5 Ω

Easy applicable, bright color. Suitable for castor-chairs. Suitable for use over underfloor heating systems.

TECHNICAL DATA

Base	Acrylate dispersion
Colour	grey
Density	Approx 1,23 g/cm³
Consistency	Paste-like
Cleaning agent	water
Processing conditions	not below 15 °C on the subfloor, minimum 18°C material- and room temperature 35-75% relative air moisture, recommended <65%
Mode of application	Spatula S1, S2 depending on sub-floor and type of floor covering
Consumption	Approx. 250 – 400 g/m²
Drying time	Approx. 10 – 15 minutes, subject to the type of EC installation system
Open time	Approx. 20 minutes
Curing time	approx 48 hrs

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Pemitted shelf-life	within approx. 15 months, opened packaging to be tightly closed and to be consumed as soon as possible	
Storage condition	packaging to be tightly closed at a dry place, temperature: 5 - 30 °C,	
Frost sensitivity	yes	
Code acc. to GHS	none	
Enviroment/Work safety	GISCODE:	D 1
	EMICODE:	EC1 Plus
	DGNB:	VOC 0 %, quality level: 1
	LEED:	VPC 0 g/l
	Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.	

FLOOR PREPARATION

The subfloor must meet the requirements according to national standards, regulations and norms.
The subfloor must have a sufficient compression and tensile strength, load-bearing capacity, dimensional stability, dry, crack and dust free and free of any contaminants which will impact bonding and it has to be even acc. To DIN 18202 German standards. Defective subfloors shall be treated by taking appropriate measures e.g. grinding, priming or applying self-levelling compound.
In the event of any discrepancy, the installer must always inform the client of his concerns in writing.

Cracks or joints (except for building expansion joints) must be closed with Eurocol 913 Europlan Silicat. The laying materials to be used must satisfy in accordance to the subfloor and its intended use.

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.

APPLICATION

Stir well before use!
Adhesive has to be applied equally on the subfloor (full area bonding) with a full length spatula. Avoid puddles!
Spread the adhesive evenly with a spatula over an area of subfloor that can be covered whilst the adhesive remains receptive and gives good transfer.
Worn-out spatulas need to be replaced in time to guarantee the minimum adhesive consumption.
For floor covering with smooth backings: please use spatula S1 (TKB) if installed on 041 Europrimer EC or directly onto self-levelling compound.
Textile coverings needs to be installed with ZL S2 (TKB). To regulate the absorbency and prolong the time of inlaying when laying on a copper mesh, can 050 Europrimer Mix be applied.
Afterwards install the floor covering and rub it down well. Roll with an articulated floor roller afterwards.

Make sure that the adhesive remains receptive and gives good transfer, otherwise the airing time should be slightly extended.
Rub the floor covering down well, repeat the rubbing down after 20 - 30 minutes.

NOTES

Please pay attention to the technical data sheet issued by the floor covering manufacturer.
Relevant norms and regulations of the branch are to be respected.
Outside Germany relevant national regulations are to be applied which must be known by the user
Allow the floor covering to be acclimatized before laying. The laying materials must be relaxed and plane.
Welding the flooring at the earliest on the next day.
The measurement of the electrical conductivity is carried out after the final setting.

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Revision Formular TI: V08

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PACKAGING

12 kg nonreturnable package (44 buckets/ pallet)

SPECIAL NOTE

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 the usage, processing- and storage conditions on site are beyond the 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 follow 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!
Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.
The manufacturer's terms and conditions are binding

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