

# 041 EC

## ELECTRICALLY CONDUCTIVE PRIMER

### PRODUCT DESCRIPTION

Ready-to-use, conductive, dispersion primer to achieve conductive properties for the electrically conductive installation of floor coverings on absorbent, standard subfloors. Replaces the installation of a copper tape installation. To be used together with Eurocol electrically conductive adhesive.

Can be used on underfloor heating systems.

Very low VOC emission certified **EMICODE EC 1, GISCODE D 1**



**[ Made in Germany**

### PRODUCT FEATURES

The conductive primer can be used in accordance with the instructions of the flooring manufacturer under conductive floor coverings. The ohm resistance of the primer, measured on a nonconductive surface, based on DIN EN 13415 is  $3 \times 10^5 \Omega$

The primer is ready to use, it provides a very good dust binding on absorbent subfloors. The result is a continuous black, conductive film that dissipates electrostatic charges in conjunction with conductive adhesives immediately.

### TECHNICAL DATA

Base	Polyacrylate dispersion and conductive carbon black dispersion
Colour	black
Density	approx 1,08 g/cm <sup>3</sup>
Consistency	low viscosity
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	Microfiber roller
Consumption	Depending on the absorbency of the subfloor Approx. 100 - 150 g/m <sup>2</sup>
Curing time	Minimum 2-4 hours (tack free surface). Within 3 days the primer must be reworked. Until then, protect the dry surface (low temperatures, dense surfaces and high humidity prolong the reworking time, higher temperatures shorten it).
Permitted 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,

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Frost sensitivity	yes	
Code acc. to GHS	no	
Enviroment/Work safety	GISCODE:	D 1
	EMICODE:	EC 1
	DGNB:	VOC 0% Quality level: 4
	LEED:	VPC 0 g/l

### FLOOR PREPARATION

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. Adhesion removing layers are to be removed by suitable mechanical measures. The inspection and due diligence obligations according to VOB must be observed.

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 and/or joints (except expansion building joints) must be closed with suitable Eurocol filling solution.

In case of installing the floor covering on under-floor-heating systems, check existing measuring points regarding their moisture content acc. to DIN 4725/4 German standard. Installation materials to be used must comply with the subfloor and its intended use.

### APPLICATION

Shake the bucket well to homogenize!

Primer is ready to use, do not dilute!

Apply evenly on the subfloor with a microfibre roller. Avoid creating puddles. Do not pour the primer on the surface directly from the bucket!

Insert every 30 m<sup>2</sup> a discharge lug made of Eurocol 801 Eurostric EC (self-adhesive copper tape), with no on the surface more than 10 m away from the copper tape, especially for narrow, long rooms and subfloors licensed by electricians

### NOTES

Please pay attention to the technical data sheet and safety data sheet issued by the floor covering manufacturer

Ensure that the levelling under the floor covering is sufficiently thick.

041 EC Europrimer reduces the absorbency of the subfloor, therefore, in case of floor coverings that allows the penetration of water vapor, allow correspondingly longer drying times for the adhesive.

### PACKAGING

10 kg nonreturnable package (60 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.

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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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