

Eurostar Special 641 EC

Properties:

- high initial bonding power
- easily applicable
- bright colour
- electrical resistance $< 3 \times 10^5 \Omega$
- solvent-free, very low emissions EC 1 Plus
- suitable for castor-chairs
- suitable for use over under-floor heating systems



Adhesive for:

- conductive rubber floor coverings on Forbo 801 Copper Tape net
- conductive PVC- and carpets on sub-floors previously prepared with Forbo 041 Europrimer EC or on Forbo 801 Copper Tape net

on absorbent sub-floors, for interior use

Technical data:

Base:	acrylat dispersion
Colour:	grey
Density:	approx. 1,3 g/cm ³
Consistency:	paste-like
Cleaning agent:	water
Mode of application:	spatula S1, TL, B2 acc. to type of sub-floor and floor covering
Consumption:	approx. 260 – 400 g/m ² acc. to type of floor covering and spatula
Airing time:	approx. 5 - 10 min. (subject to type of EC installation system)
Open time:	approx. 15 - 20 min. (subject to type of EC installation system)
Curing time:	approx. 48 h
storage time/storage condition:	approx. 12 months in tightly closed, original buckets at normal temperature, opened buckets to be closed tightly and to be consumed as soon as possible
Frost sensitivity:	yes
Code acc. to GefStoffV.:	none GISCODE D 1, EMICODE EC 1 Plus
Safety data sheet:	available upon request

Above mentioned data was made in laboratory. Due to a huge variety of different applications, these data should be considered as standard values only.

* German Hazardous Material Regulations

Sub-floor:

The sub-floor must meet the requirements acc. to VOB/DIN 18365 German standard or local national norm. It must have a good compression and tensile strength. Also it must be permanently dry, crack and dust free and free from any contaminants which will affect bonding. Furthermore the sub-floor has to be even acc. to DIN 18202 German standard.

Sub-floors shall be treated by taking appropriate measures e.g. grinding, priming, applying self-levelling compound. In the event of any discrepancy, the installer must always inform the client of his concerns in writing.

For producing an absorbent, even sub-floor which is suitable for use of castor-chairs, apply a cement-based levelling compound of 1,5 – 2 mm layer thickness, e.g. Forbo 960 Europlan Super. Mastic asphalt and other non-absorbent sub-floors as well as moisture-sensitive types of

sub-floors e.g. calcium-sulfate-based screed, stone wood and magnesia screed require a levelling compound layer thickness of min. 2 mm (under rubber floor coverings: 3 mm).

In case of installing the floor covering over under-floor heating systems, check existing measuring points regarding their moisture content acc. to DIN 4725/4 German standard.

In case of installing electrically conductive rubber floor coverings (e.g. Nora), the sub-floor needs a Forbo 801 Copper Tape net. Do not prime the sub-floor with Forbo 041 Europrimer EC!

Earthing should be made by an authorized Electrician.

Instruction for use:

Stir well before use!

Adhesive is to be applied equally on the sub-floor (full-area bonding) with a spatula. Avoid puddles! Spread the adhesive evenly with a spatula over an area of sub-floor that can be covered whilst the adhesive remains receptive and gives good transfer. Worn-out spatulas need to be replaced in time in order to guarantee the minimum adhesive consumption.

Floor coverings with smooth backings: Please use spatula S1 if installed on Forbo 041 Dispersion Primer EC or directly onto self-levelling compound.

Carpets always need to be installed with spatula ZL TL.

Each 30 m² room requires a bleeding off system of Forbo 801 Forbo Copper Tape acc. to VDE (German Electricians Association) which needs to be connected with each other horizontally. The grounding should be made by an authorized electrical engineer. In order to regulate the absorbency of the sub-floor and to extend the installation time of the adhesive, prime the sub-floor with Forbo 046 Europrimer Parquet (drying time: approx. 60 min.). The airing time depends on the room climate, the absorbency of the sub-floor and the type of floor covering. Afterwards install the floor covering and rub it down well. Roll with an articulated floor roller afterwards.

Rubber floor covering needs to be installed into the wet adhesive. 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.

Note:

Floor coverings need to be acclimatized in the room in a flat position before installation. Cold or not acclimatized floor covering may cause bubbles and hollow areas. The adhesive needs to be acclimatized in the room, too.

Carpets may shrink in case of moisture! In order to guarantee correct installation, the temperature of the room, adhesive and floor covering should not be below 15 °C, the relative air humidity should not exceed 75 % (max. 65 % recommended).

Ohmic resistance of the adhesive (measured on non-conductive sub-floors acc. to DIN EN 13415 German standard): $< 3 \times 10^5 \Omega$. Measuring the electrical conductivity is to be made as soon as the floor covering is **fully** cured.

Spilled adhesive is to be cleaned with a damp cloth. 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 have to be known by the user.

Packaging: 12 kg packaging net, 44 buckets per pallet

Special note: The information contained in this product information has been based on experiences derived from laboratory and practical work. The great versatility of materials, many different processing and storage methods and local conditions beyond our control make it impossible to give guarantees for processing results. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. Every other application than those stated in this technical information sheet requires our express approval. Otherwise we assure no liability. The General Terms and Conditions of our company shall apply.

This Technical Information supersedes all other application data sheets and product information published before.

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