# Dispersion Primer 041 EC
# Dispersionsvorstrich 041 EL

**Properties:**

- ready to use
- low consumption
- no need to install a copper tape net
- creates transverse conductivity
- suitable for under-floor heating systems
- very low emissions, EMICODE EC 1

**Primer for:**

subsequently applying electrically conductive adhesives such as:

- 506 Carpet Adhesive EC
- 615 Linoleum Adhesive EC
- 523 PVC Adhesive EC
- 545 Universal Adhesive EC
- 579 Polaris Universal Adhesive EC

for creating transverse conductivity

**Technical data:**

| | |
|---|---|
| Base: | acrylate dispersion |
| Colour: | black |
| Consistency: | thin |
| Density: | approx. 1,08 g/cm³ |
| Cleaning agent: | water |
| Mode of application: | plastic foam roller |
| Drying time: | 2 - 4 h, depending on the sub-floor |
| Consumption: | approx. 100 - 150 g/m², depending on the sub-floor |
| Permitted shelf-life: | **approx. 6 months** |
| Storage conditions: | tightly closed at normal temperature |
| Frost sensitivity: | yes |
| Code in accordance to GefStoffV.*: | no |
| GISCODE: | D1 |
| 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. 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.

Defective sub-floors shall be treated by taking appropriate measures e.g. grinding, milling, vacuu-cleaning. In the event of any discrepancy, the installer must always inform the client of his concerns in writing.

**HEATINGS SYSTEM**



Forbo Erfurt GmbH • Postfach 101355 • 99013 Erfurt • Telefon (03 61) 7 30 41-0 • Telefax (03 61) 7 30 41-90/91

**Instruction for use:**

Stir well before use!

Primer is to be applied equally onto the sub-floor by using a plastic foam roller. The primer creates a closed, black, electrically conductive film which is able to conduct electrostatic charge immediately in connection with electrically conductive adhesive. Do not pour the primer from the bucket directly onto the sub-floor as it may create separating layers. Avoid puddles.

Each 30 m² large room requires one stripe of 801 Copper Tape (no complete net!) which needs to be grounded by a an authorized electrician.

As soon as the primer on the sub-floor has been fully dry, it is possible to start installing the floor covering with electrically conductive adhesive.

**Note:**

Forbo 041 Dispersion Primer EC reduces the absorbency of the sub-floor. In case of installing water-vapour permeable types of floor coverings (**e.g. XXX**), it is therefore recommended to extend the airing time of the adhesive.

In case of directly installing electrically conductive carpets on standard screed without self-levelling compound, please contact our export department for further instructions.

Powdery or sandy sub-floor surface areas need to be removed mechanically in order to avoid a reduced bonding power of the primer.

We recommend to make suitable self-made tests regarding the bonding power of Forbo 041 Dispersion Primer EC on the screed.

**Attention:**

Ohmic resistance of the primer, measured on electrically conductive sub-floors, is 5 x $10^4$ Ω acc. to testing regulation DIN 53276 German standard.

Relevant norms and standards of the branch shall apply. Outside Germany national regulations need to be followed which should be known by the user. Please pay attention to the technical information of auxiliary products!

In order to guarantee excellent processing, the temperature of the sub-floor and the primer should not be below 15 °C, the relative air humidity should not exceed 75%.

**Packaging::**

10 kg plastic buckets net, 40 buckets/pallet

**Important notice:**

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. The General Terms and Conditions or our company shall apply.

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



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