

## 541 Anti-Slip (Tackifier)

### Properties:

- solvent-free
- for absorbent and non-absorbent sub-floors
- economic consumption
- suitable for binding dust
- suitable for use of castor-chairs
- suitable for use above sub-floor heating systems
- very low emissions EMICODE EC 1

### Fixing Agent for:

- form-stable, self-laying carpet tiles with vinyl backing or bituminous backing
- for electrically conductive installation of self-laying tiles in combination with Forbo 841 Conductive Additive EC
- for anti-slip installation of floor coverings with fleece backing

### Technical data:

Base:	acrylate dispersion
Colour:	light beige
Consistency:	low viscosity
Density:	1,02 g/cm <sup>3</sup>
Method of application:	Forbo Techno Aqua Sealing Roller or A1 toothed spatula
Consumption:	100-150 g/m <sup>2</sup> , depending on the sub-floor
Airing time:	approx. 1 h
Cleaning agent:	water
Storage time:	15 months
Storage condition:	packaging to be firmly closed and to be stored at 5 - 30 °C, to be consumed as soon as possible
Frost sensitivity:	yes
Code acc. 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 standards.

Defective 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. by using 975 Levelling Compound TE/S. In case of installing floor coverings on double floor elements (e.g. fiber-reinforced gypsum plates or chipboards), please make sure that the surface is free of separating agents (e.g.

primer) as it would negatively influence the bonding power. Joints of such elements need to be

protected against the penetration of Forbo 541 Anti-Slip NV.

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.

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**Instruction for use:** Forbo 541 Anti-Slip NV it to be applied equally on the sub-floor with Forbo Techno Aqua Sealing Roller. Allow Forbo 541 Anti-Slip NV to dry to a clear, tacky film before placing the carpet tiles in position, pressing firmly from the centre outwards and paying particular attention to the edges.

The tiles are to be installed after the airing time (clear, tacky film) depending on the room temperature, relative air humidity and amount of Forbo 541 Anti-Slip NV. Airing time for absorbent sub-floors: approx. 1 h, airing time for non-absorbent sub-floors: approx. 2 h.

Please respect sufficient airing time as otherwise the bonding power would be too strong which makes the plates difficult to be lifted later on.

Electrically conductive systems: Mix 100 parts of 541 Forbo Anti-Slip with 35 parts of 841 Forbo Conductive Additive to a homogenous mixture using an electric mixer, i.e. 1 bucket à 10 kg of 541 Forbo Anti-Slip with 1 bucket à 3,5 kg of Forbo 841 Conductive Additive EC. Use the whole amount of ready-made mixture, as otherwise the mixture has to be stirred well again after having stored for a while. For grounding the electrically conductive construction, install a potential equalization every 30 m<sup>2</sup> using Forbo 801 Copper Tape.

The carpet tiles can be easily lifted and replaced again. Please avoid pollution or dust on top of the applied film of Forbo 541 Anti-Slip NV as it may cause a reduced bonding power.

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

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**Packaging:** 10 kg packaging net; 44 buckets per pallet

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**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. Relevant norms and standards of the branch shall apply. Outside Germany national rules need to be respected. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. The General Terms and Conditions of our company shall apply. Any other application than those specified in this technical information sheet needs our explicit approval, otherwise Forbo accepts no responsibility

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

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