

PRODUCT DATA SHEET

CascoProff Conductive

SPECIALLY DEVELOPED FLOOR ADHESIVE FOR CONDUCTIVE COVERINGS.



DESCRIPTION

Specially developed floor adhesive for conductive coverings such as PVC-, textile-, linoleum and rubber coverings.

USES

Conductive coverings like;

- PVC
- Textile
- Linoleum
- Rubber coverings

CHARACTERISTICS / ADVANTAGES

PRODUCT INFORMATION

Composition	Copolymer of acrylic dispersion with conductive additives
Packaging	10 liter plastic bucket
Colour	Grey
Shelf life	At least 12 months if stored in minimum +10 °C in well closed packages.
Storage conditions	May not be exposed to temperatures below 0 °C and above +30 °C.
Density	1260 kg/m ³
Consistency	Thixotropic
Solid content by weight	Approx. 77 %
Viscosity	Approx. 32 000 mPas, Brookfield RVT, sp 6, 20 rpm, 25 °C

APPLICATION INFORMATION

Consumption	1 liter / 3-3,5m ²
Substrate Temperature	Application temperature: +18 °C to +23 °C and 20–70 % RH. The climate must be maintained for at least 96 h (4d) for optimal result.
Substrate Moisture Content	The moisture content in the concrete must not exceed 85 % RH and the chipboard moisture quota should be 8-12 %.
Application Time	Assembly time, approx. 0-20 minutes

Yield

On absorbent sub floor
Rubber 3-3,5 m ² /liter
Vinyl 3-3,5 m ² /liter
Linoleum 3-3,5 m ² /liter
Textile 3-3,5 m ² /liter

APPLICATION INSTRUCTIONS

When using CascoProff Conductive on new produced concrete we recommend minimum 10 mm self leveling compound.

Note! Conductive covering should always be installed on an absorbent subfloor and in wet adhesive.

ON POROUS SUBFLOORS

1. Spread the adhesive with a toothed trowel. Don't use more adhesive than necessary to give a good over-wetting.
2. Install the covering at once or after a very short open time and rub thoroughly to press out all the air to achieve a good contact between the adhesive and the covering. For best result use a carpet roller.
3. Check that the whole covering area has full contact with the adhesive.

ON NON-POROUS SUBFLOORS

Create an absorbent subfloor by using a floor levelling compound with low shrinkage and good adhesion to the subfloor. Build up a layer of 2-3 mm. Follow the gluing instructions above "on porous subfloors". Installing of copper stripes use CascoProff Conductive.

SUBSTRATE PREPARATION

Before installing the covering make sure that the subfloor is clean, even and dust free and has an adequate strength, bearing strength, dimensional stability and is permanent dry.

The surface strength of the subfloor needs to be minimum 1,0 MPa. If the subfloor is of chipboard, it must be levelled with 12 mm of cement based leveling compound.

The moisture content in the concrete must not exceed 85 % RH and the chipboard moisture quota should be 8-12 %.

CLEANING OF EQUIPMENT

Always make sure to use suitable gloves and goggles when handling the product. Work carefully and systematically in order to avoid unnecessary spillage. In case of skin contact, wash with soap and water. In case of eye contact, rinse thoroughly with water. Clean application tools with water before the adhesive has dried. Dried adhesive is dissolved in ethanol. For further information, see Safety Data Sheet.

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FURTHER INFORMATION

Resistance: Conductivity according to EN14259 3 x 105 Ω. Good heat resistance and no discoloration.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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