

PRODUCT DATA SHEET

CascoFlex®

Floor and wall adhesive for most common coverings



DESCRIPTION

CascoFlex® is a classic adhesive for most types of plastic-, textile- and linoleum floor and wall coverings thicker than 0,6 mm. Usable in both wet and pressure sensitive state.

USES

For plastic floor coverings with or without reverse side coating, wall coverings (thickness max 0.6 mm) as well as some linoleum and textile floor coverings.

CHARACTERISTICS / ADVANTAGES

- For various coverings
- Strong bonding
- Long installation time
- Does not contain volatile solvents or APEO (Alkyl-phenol ethoxylates)

APPROVALS / CERTIFICATES

- EC1 Plus & M1 for low emission

PRODUCT INFORMATION

Composition	Acrylic/copolymer dispersion
Packaging	1L, 5L, 10L plastic bucket
Shelf life	12 months (in unopened packaging)
Storage conditions	Store in a cool, frost-free place
Colour	Beige
Density	Appr. 1.31 kg/ L
Solid content by volume	Approx. 73,4 %
Viscosity	Approx. 60,000 mPa, Brookfield RVT, 6 10 rpm, +25 °C
Consistency	Flexible, thixotropic

APPLICATION INFORMATION

Yield

Absorbent subfloor

- Homogenius PVC 4–5 m2 /L
- Cusion vinyl 4–5 m2 /L
- Textile 2-3,5 m2 /L
- Linoleum 3–4 m2 /L

Non-absorbent subfloor

- Homogenius PVC 5–6 m2 /L
- Cusion vinyl 5–6 m2 /L
- Textile 4-5 m2 /L
- Linoleum 4 m2 /L

PRODUCT DATA SHEET

CascoFlex®

February 2022, Version 01.01

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Ambient air temperature	+18 °C to +23 °C and 20–70 % RH. The climate must be maintained for at least 96 h (4d) for optimal result. Applies to adhesive, substrate and material.
Application time	<ul style="list-style-type: none"> ▪ Wet gluing, 0–30 minutes ▪ Tacky gluing, 30– 120 minutes Varies depending on underlying surface, temperature, and air humidity.

BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Absorbent surfaces

Follow the “current AMA Hus” regulations. Before installing carpet/mats, make sure the underlying surface is clean, dry, level, firm and dust-free. To measure moisture, follow the “RBK moisture control” instructions, see rbk.nu.

1. Use a suitable adhesive applicator – 6108, 6118 or 6121 – to apply the adhesive, depending on the volume you wish to use. Do not use more adhesive than is necessary to ensure good over-wetting within the recommended open time.
2. Position the carpet/mat as soon as possible; squeeze/press all the air out from under the carpet/mat. For the best result use a carpet roller. Make sure the roller weight suits the type of carpet/mat.
3. Check that there is sufficient over-wetting between adhesive and carpet/mat.
4. Ensure the carpet/mat is laid correctly and smooth out afterwards eliminate blisters.

Non-absorbent surfaces

Before installing the carpet/mat, make sure the underlying surface is clean, level, firm and dust-free. For the best result, we recommend initially filling the floor with Casco levelling compound or similar; apply a layer 2–3 mm thick. The adhesion procedure is then the same as the recommended approach for absorbent surfaces. Prime/fill the surface for improved adhesion and a better result. If this is not possible, it is important to let the water in the adhesive evaporate as much as possible before laying the carpet/mat and smoothing/rolling the surface.

1. Use a toothed trowel – 6108, 6118 or 6121 – to apply the adhesive, depending on the volume you wish to use. Place the carpet/mat on the wet adhesive, then remove it and allow the adhesive to dry for 10–20 minutes.

2. Position the carpet/mat as soon as possible; squeeze/press all the air out from under the carpet/mat. For the best result use a carpet roller.
 3. Check that there is sufficient over-wetness between adhesive and carpet/mat.
 4. Ensure the carpet-mat is laid correctly and smoothed out afterwards to eliminate blisters.
- When gluing carpet/mats with a sanded reverse side, proceed as for wet gluing for the best results.
NB! The relative humidity (RH) of the underlying surface must not exceed 85 %. Follow the instructions in “AMA Hus 11” and observe GBR’s recommendations

EQUIPMENT

Casco adhesive applicators 6108, 6109 and 6121.
Swap adhesive applicator regularly to ensure correct consumption and good adhesion.

CLEANING OF EQUIPMENT

Handling and cleaning instructions Always observe good work hygiene when working with adhesives. On contact with the skin, wipe off with a rag and clean with a cleaning cream. Clean tools with soap and water before the adhesive dries. Dried adhesive must be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika 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

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Data Sheet for the product concerned, copies of which
will be supplied on request.

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