

PRODUCT DATA SHEET

Casco® Floor Expert CascoProff GP Plus

UNIVERSAL FLOOR AND WALL ADHESIVE WITH LIGHT FILLER.



DESCRIPTION

Universal floor and wall adhesive with light fillers, suitable for gluing most types of PVC, some linoleum, most textile floor coverings and wall coverings with PVC layer thicker than 0,6 mm.

USES

- PVC
- Some linoleum
- Textile
- Wall coverings with PVC layer thicker than 0,6 mm
- Suitable for floor heating
- Suitable for castor wheels

CHARACTERISTICS / ADVANTAGES

- lightweight, 30-35% less to carry
- very easy application, less force to the tool
- no splashing with roller application
- floor & wall application with spatula or roller
- can be reactivated with heat
- good tack

APPROVALS / CERTIFICATES

- EC1 Plus for low emission

PRODUCT INFORMATION

Composition	Copolymer of acrylic dispersion
Packaging	10 liter, round bucket
Shelf life	12 months from production date (s. packaging) in unopened packaging. Opened packaging should be closed immediately and used up as soon as possible.
Storage conditions	May not be exposed to temperatures below +5°C and above +30°C
Colour	White
Density	Approx. 900 kg/m ³
Solid content by mass	Approx. 65 %
Viscosity	Approx. 22 000 mPas, Brookfield RVT, sp. 6, 20 rpm, 25 °C
Consistency	Thixotropic

APPLICATION INFORMATION

Yield	Material	Absorbent Subfloor	Non-absorbent subfloor
	Homogenius PVC	4-5 m ² /l	5-6 m ² /l
	Cushion vinyl	4-5 m ² /l	5-6 m ² /l
	Textile	3-3,5 m ² /l	3-3,5 m ² /l
	Linoleum	3-3,5 m ² /l	3-3,5 m ² /l

Substrate temperature	+18°C to +27°C
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Substrate moisture content	The moisture content in the concrete must not exceed 85 % RH and the chipboard moisture quota should be 8-12 %
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Application time	<ul style="list-style-type: none">▪ Assembly time approx. 0–30 minutes▪ Post assembly time 30-60 minutes▪ Can be heat activated up to 90 minutes
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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.

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.

APPLICATION INSTRUCTIONS

When using Casco® Floor Expert CascoProff GP Plus on newly produced concrete we recommend a minimum of 10 mm self-leveling compound.

When using materials with a backside that has been grinded it is important to know that the material must always be installed in the wet stage of the adhesive and that the application time for this type of material must not exceed 30 minutes.

When installing linoleum with a thickness of 2,5 mm or more, we recommend CascoLin or CascoLin Extra. Linoleum should always be installed on an absorbent subfloor installed in wet adhesive.

SUBSTRATE PREPARATION

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

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

APPLICATION METHOD / TOOLS

Toothed trowel e.g., Casco hard metal trowel 6108, 6109, 6118 or roller.

APPLICATION

FLOOR ON ABSORBENT SUBFLOORS

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

FLOOR ON NON-ABSORBENT SUBFLOORS

If possible, 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".

If it is not possible to use a leveling compound, use the following methods. On a non-porous subfloor, it is important that as much water as possible have evaporated before installing the covering to avoid blisters. Let the adhesive dry until finger samples show no adhesive residuals. (Note that this is not suitable for linoleum).

1. Apply the adhesive with a toothed trowel and choose 2A or 2B below.
2. 2A. Install the material in wet adhesive and make sure there is a good over wetting to the carpet. Pull up the carpet and let the adhesive dry for about 10-20 minutes and then lay down the carpet.
3. 2B. Apply the adhesive and wait for 20-30 minutes. Then install the carpet in the semi-dried adhesive.
4. 3. Rub thoroughly to press out all the air to achieve good contact between the adhesive and the covering. For the best result use a carpet roller. Make sure that the whole covering has good contact with the adhesive. Follow the recommendations from the material manufacturer about temperature and RH.

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WALL ON ABSORBENT SUBSTRATE

Porous substrate as concrete, wet strong putty, particle board and gypsum plaster boards. If the substrate is very porous it must be pre-glued with a solution of equal parts Casco® Floor Expert CascoProff GP Plus and water.

1. Spread the adhesive evenly on the wall with a roller. We recommend using Casco hard metal trowel 6108, after using the roller, to make sure that the adhesive is evenly spread on the wall. Don't apply the adhesive on larger areas then you can assemble it in 15- 30 minutes. Install material at once or after a very short open time.
2. Rub thoroughly to press out all the air to achieve good contact between the adhesive and the covering. Do not use more heat than necessary when applying the covering, especially when working with corners.
3. Check that the whole covering area has full contact with the adhesive.
4. Join the material according to the covering producer's instruction. On porous substrate, always let the walls dry for 2 days before using the room.

CLEANING OF EQUIPMENT

Always make sure to use suitable gloves and goggles when handling the product. Work carefully and systematically 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.

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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.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of CASCOFE 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.CASCOFE.eu.

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