

PRODUCT DATA SHEET

Casco® SuperFlow

FINE GRAINED SELF-LEVELLING COMPOUND FOR THIN LAYERS.



DESCRIPTION

Very low emission, self levelling, cementitious smoothing and levelling compound for layers 1 - 10 mm with good application properties.

USES

- For interior use only.
- Under ceramic tiles, textile and elastic coverings, loose-laying parquet.
- Suitable for application on subfloor heating systems.

CHARACTERISTICS / ADVANTAGES

- Good application properties
- Low tension/stress
- Suitable for castor wheels (>1 mm) according to EN 12 529
- Pumpable

APPROVALS / CERTIFICATES

- EN 13813: CT-C25-F6
- EC1 PLUS: very low emission
- M1 emission classification

PRODUCT INFORMATION

Composition	Cement based
Packaging	20 kg
Shelf life	9 months in from production date (s. packaging) unopened packaging. Opened bags should be closed immediately and used up as soon as possible.
Storage conditions	Store in cool, dry conditions.
Density	1,22 kg/L of dry powder

APPLICATION INFORMATION

Mixing ratio	20 kg powder with ca. 4,8 L cold water
Consumption	Approx. 1,5 kg / m ² / mm
Layer thickness	1 - 10 mm
Substrate temperature	Both substrate and leveling compound not below +5 °C, best conditions between +15 °C - +20 °C
Pot Life	Approx. 30 minutes at 20 °C
Waiting time to overcoating	<ul style="list-style-type: none">▪ Walkable after approx. 3 hours

- Coverable
 - up to 3 mm after approx. 24 hours for all kinds of coverings
 - up to 5 mm after approx. 48 hours for all kinds of coverings
 - for increasing by further 3 mm, each with 24 hours longer drying time

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

SURFACE PREPARATION

For priming the substrates, use a suitable Casco primer. For further information see technical data sheet of the primer.

SUBSTRATE QUALITY / PRE-TREATMENT

Casco® SuperFlow is suitable for levelling and smoothing of:

- concrete
- cement and rapid cement screeds
- calcium sulphate-based screeds old substrates with old water-resistant adhesive residues.

MIXING

20 kg of Casco® SuperFlow / approx 4,8 liter of cold water.

APPLICATION

Casco® SuperFlow is suitable for use in interior areas only:

- under ceramic tiles
- under textile and elastic coverings
- under multi-layer parquet (for full-surface levelling under parquet, layer thickness at least 3 mm and only in combination with elastic Casco parquet adhesives.)

RECOMMENDED METHOD OF WORKING

- Use a clean bucket.
- Pour Casco® SuperFlow into cold, clean water and stir to a homogenous mixture (speed mixer recommended, 600 rpm, 3 min)
- Then pour out the levelling compound and spread using a toothed trowel or suitable trowel. It is possible to achieve an even surface without difficulties. It is usually not necessary to remove troweling defects or to level more than once.
- In case of thick layers, protect vertical elements with isolating strip.
- If a second layer of levelling compound is to be applied, the first levelling compound layer should be primed with Casco® Primer/ VD Universal Primer (1:1) The combined layer thickness must not exceed the given maximum layer of the levelling compound. The second layer may not exceed the layer thickness of the first.
- Carry out preparatory work such as filling joints, evening out hollows and unevenness using the sturdy repair mortar.
- Water bearing pipes in metal must be sealed to avoid contact with the levelling compound, since for example galvanized steel pipes don't have sufficient corrosion protection.
- Protect curing Casco® SuperFlow from high ambient temperatures, direct sunlight, and draughts.

CLEANING OF EQUIPMENT

Clean tools with water.

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 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

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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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