

PRODUCT DATA SHEET

Casco® KombiRapid

RAPID, FINE GRAINED STURDY LEVELLING COMPOUND.



DESCRIPTION

Fast setting dust reduced sturdy levelling compound for making slopes, repair holes and cracks, full-surface smoothing for layers 1-20 mm.

USES

- For indoor floor and wall application.
- On most cement-based substrates walls and floors, stable wooden substrates and gypsum boards on walls according to local country regulation.
- Suitable for application with subfloor heating systems.
- Suitable for slope formation.

CHARACTERISTICS / ADVANTAGES

- Dust reduced
- Fine grained
- Fast drying independent of the layer thickness
- Can be applied in layer thicknesses up to 50 mm with sand.

APPROVALS / CERTIFICATES

- EN 13813: CT-C20-F7
- EC1 Plus: very low emission
- M1 emission classification

PRODUCT INFORMATION

Composition	Cement based
Packaging	4 kg and 15 kg
Shelf life	<ul style="list-style-type: none"> ▪ 4 kg - 18 months from production date (s. packaging) in unopened bag ▪ 15 kg - 6 months from production date (s. packaging) in unopened bag Opened bags should be closed immediately and used up as soon as possible.
Storage conditions	Store in cool, dry conditions.
Density	1,16 kg/ L of dry powder

APPLICATION INFORMATION

Mixing ratio	<ul style="list-style-type: none"> ▪ 15 kg of powder with approx. 3,6 liter of cold water ▪ 4 kg of powder approx. 1 liter of cold water
Consumption	Approx. 1,4 kg/ m ² / mm
Layer thickness	<ul style="list-style-type: none"> ▪ 1-20 mm ▪ 20-50 mm with aggregates (7,5 kg dry, size 0-8 mm clean sand to 15 kg Casco® KombiRapid)

Substrate temperature	Both substrate and leveling compound not below +5 °C, best conditions between +15 °C - +20 °C
Pot Life	Approx. 15-20 minutes at 20 °C
Waiting time to overcoating	<ul style="list-style-type: none"> ▪ Walkable after approx. 60 minutes ▪ Coverable after approx. 2 hours

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

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Casco® KombiRapid is suitable on substrates like:

- Concrete and Light concrete.
- Cement and rapid cement screeds.
- Mastic asphalt screeds (sanded) IC 10 and IC 15 according to EN 13 813.
- Old substrates such as ceramic tiles, natural stones, and terrazzo.
- Wooden substrates and Gypsum boards.

PRIMING

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

REQUIREMENTS OF SUBSTRATE

- Adequate strength, bearing strength, dimensional stability, and permanent dryness.
- Free of layers which reduce adhesion, e.g., dust, dirt, oil, fat, wax cleaning agents and loose particles.
- Separation layers, sinter layers, and other similar contamination should be removed through sanding, brushing, abrasive blast cleaning, milling or thorough cleaning. Remove loose or weak surface layers and possibly cement skin by mechanical processing. Vacuum the surface. The surface must be clean, firm, and dust-free.
- Old, loose, and weak levelling layers should be removed mechanically.
- When installing floor coverings, the RH of the construction must not exceed 85 %.
- Layers of water-soluble adhesives, e.g., sulphatic adhesives, should be removed completely.
- Old water-resistant adhesives should be mechanically removed as thoroughly as possible.
- Old floors, such as ceramic tiles are to be thoroughly cleaned and sanded and primed with Casco® Superprimer/ VD Super Grip.
- OSB to be grinded intensively.
- Rooms that do not have a cellar underneath must be

sealed against rising dampness in compliance with the standard.

- The requirements specified in relevant valid standards, guidelines and specifications must be fulfilled.

MIXING

- 15 kg of Casco® KombiRapid/ approx 3,6 liter of cold water
- 4 kg of Casco® KombiRapid/ approx 1 liter of cold water

APPLICATION

Casco® KombiRapid is suitable for filling, repairing, levelling, and making slopes:

- For fast full-surface smoothing of the subfloors.
- Of staircase and wall projections.
- To level out differences in height to adjacent areas.
- As a repairing mortar for filling holes and deepening.
- Can be used under textile, ceramic, and elastic coverings.
- For indoor use only.
- The levelling compound must be covered.

RECOMMENDED METHOD OF WORKING

- Using a clean bucket.
- Pour Casco® KombiRapid into cold, clean water and stir to a homogenous mixture (speed mixer recommended, 600 rpm, 3 min)
- Spread, smooth, and model the levelling compound with a smoothing trowel or spatula.
- Protect curing Casco® KombiRapid from high ambient temperatures, direct sunlight, and draughts.

CLEANING OF EQUIPMENT

Clean tools with water.

LOCAL RESTRICTIONS

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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

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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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