



A SIKA BRAND

## PRODUCT DATA SHEET

# Casco<sup>®</sup> VD Super Grip

Special grip primer for tight and non-absorbent substrates, ready to use



### DESCRIPTION

Solvent free, ready mixed, special acrylate dispersion. Very good adhesion to most smooth and non-absorbent substrates such as ceramic tiles, PVC, epoxy coatings and terrazzo.

### USES

- For indoor use only.
- For floor and wall
- Suitable for substrates with underfloor heating

### CHARACTERISTICS / ADVANTAGES

- Solvent free /Water based
- Ready mixed
- Good adhesion to the absorbent substrates
- Quick drying time
- Easy application with roller
- Low odour

### APPROVALS / CERTIFICATES

- EC1 Plus
- M1

### PRODUCT INFORMATION

Composition	Special acrylate dispersion with additives
Packaging	1 kg bucket (x 6 in box), 5 kg canister
Shelf life	12 months in an unopened package. Opened package should be closed immediately and used up as soon as possible
Storage conditions	In cool, dry, frost-free conditions, not below + 5 °C.
Colour	Blue
Density	1,38 kg/L
Solid content by volume	Approx. 63%
pH-Value	Approx. 9,0

### APPLICATION INFORMATION

Mixing ratio	Ready to use
Yield	100-150g/m <sup>2</sup> (7-10 m <sup>2</sup> / kg), depending on the type and absorbency of the substrate and applicator device
Ambient air temperature	+5°C to +25°C (subfloor not below +5°C)

## Waiting time to overcoating

- Adhesion improvement and absorption reduction approx. 0,5-3h
- As moisture protection approx. 1-2 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

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

Casco® VD Super Grip is suitable for improving the adhesion of the leveling compounds to a smooth and non-absorbent substrate.

### EQUIPMENT

Brush or roller.

### SUBSTRATE QUALITY

Casco® VD Super Grip is suitable on:

- epoxy coated surfaces
- old substrates such as ceramic tiles, natural stones, and terrazzo
- insufficient sanded mastic asphalt screeds or rolled asphalt concrete
- old sealed/coated surfaces
- old smooth and tight concrete substrates
- old substrates with old water-resistant adhesive residues
- steel and other metals
- fully bonded, thoroughly cleaned and sanded resilient floorings (except PO and PU coated coverings).

Corrosive metal must be protected with anti-corrosion coating prior applying Casco® VD Super Grip.

### 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.
- 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 coverings must have sufficient bonding to the substrate. Coverings with a weak bonding must be removed.
- All non-absorbent surfaces should be thoroughly cleaned and sanded.
- Rooms that do not have a cellar underneath must be sealed against rising dampness in compliance with the standard.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

PU-sealed or PU-coated coverings are not suitable to treat with Casco® VD Super Grip. In case of doubt, prime a test area to check the adhesion.

### SUBSTRATE PREPARATION

Mechanically remove areas of loose surfacing, pollutants, and cement skin, if any. Vacuum clean the surface. The underlying surface must be firm, clean, and dust-free before priming.

### MIXING

Do not mix Casco® VD Super Grip with water.

### APPLICATION

Recommended method of working:

- Stir the primer before use.
- Apply primer evenly on the dry substrate with a brush so that the primer penetrates the substrate efficiently. Puddles must be avoided.
- Levelling compounds can be applied after drying time approx. 1 - 2 hours. Refer to the product data sheets for the appropriate levelling compounds.

### Old vinyl, linoleum, and rubber coverings (up to 2.5 mm covering thickness):

- Recommended levelling compounds: Casco Floor Expert AP, APF, XA and XAF
- The minimum layer-thickness of the leveling compound is 3,0 mm.
- Old coverings with cushioned backings are not suitable.
- For coverings > 2,5 mm, please contact technical service.
- When high loads (e.g. hospitals, etc.) are expected, priming and levelling on top of old coverings is not recommended.

Note! If the primed surface is older than 72 hours (3d) before applying the leveling compound, the priming needs to be repeated.

### CLEANING OF EQUIPMENT

Clean tools immediately with water. Use acetone to remove dried primer.

## 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

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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](http://www.casco.eu).

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