

PRODUCT DATA SHEET

Casco® HydroStop Pro

Fast curing flexible waterproofing membrane, ready to use.

DESCRIPTION

Ready to use 1-component fast drying crack bridging dispersion waterproofing membrane for preparing a waterproof bonded sealing under ceramic tiles and natural stones in wet rooms. ETA approved.

USES

- for interior areas only
- for wall and floor applications in private and public shower rooms, bathrooms, and laundry rooms
- in highly loaded public wet rooms: shower rooms, in sports facilities, hospitals, therapy rooms
- suitable on heated floors

CHARACTERISTICS / ADVANTAGES

- Crack bridging
- Fast drying
- Highly elastic
- Thixotropic consistence
- Easy to apply

APPROVALS / CERTIFICATES

- Approved according EAD 030352-00-0503
- EMICODE EC1: very low emission
- M1 emission classification

PRODUCT INFORMATION

Composition	solvent-free synthetic dispersion
Packaging	<ul style="list-style-type: none">▪ 22 kg▪ 16 kg▪ 7 kg
Shelf life	12 months from production date (packaging) in unopened packaging. Opened packaging should be closed immediately and used up as soon as possible.
Storage conditions	In cool, dry, frost-free conditions (in closed packaging). Not above +35 °C and not below +5 °C.
Appearance and colour	Light grey
Density	approx. 1,45kg/l.
pH-Value	approx. 8,5

TECHNICAL INFORMATION

Permeability to water vapour	s _d value 3,1 m (approx. 1,1kg/m ²), tested at +23°C RH 93%→50%
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APPLICATION INFORMATION

Consumption	<ul style="list-style-type: none">▪ Minimum: 1,1kg/m² (= approx. 0,4mm dry film)▪ Crack bridging category 1 acc. ETAG 022: min. 1,23kg/m² (in two-layer application, gives the total layer thickness of the dry film min. 0,5 mm)
Layer thickness	<ul style="list-style-type: none">▪ Crack bridging category 1 acc. ETAG 022: Wet layer thickness minimum 0,40 mm for each application layer (two application layers). Dry layer thickness of the whole coating, applied in two layers minimum 0,5 mm.
Curing time	<ul style="list-style-type: none">▪ between the 1st and 2nd coat: approx. 0,5 - 1h.▪ after the 2nd coat approx. 1h.

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.

IMPORTANT CONSIDERATIONS

Observe the minimum layer thickness of the dry waterproofing membrane by controlling the thickness of each wet layer.

For ceramic tile installation alternatively choose Casco tile adhesive, approved by the ETA of watertight covering kit Casco® HydroStop Pro: MultiFix, MultiFix White, MultiFix Premium, MultiFix Rapid, MultiFix SuperFlex.

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

SUBSTRATE PREPARATION

Normal absorbent substrates:

- concrete
- cement screeds
- cement plaster
- lime-cement plaster
- gypsum boards

prime with Casco® VD Universal Primer (1:3).

Calcium sulphate substrates:

- calcium sulphate screeds
- gypsum plaster

prime with Casco® VD Universal Primer (1:1), drying time at least 24 hours.

Non-absorbent substrates

- ceramic coverings, stable, thoroughly cleaned and if necessary abraded
- prime with Casco® VD Super Grip, drying time at least 3 hours.

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate should be sufficiently sound, loadable, solid, and free of dust, dirt, oil, grease, and interfering agents. Remove parting and sinter layers by appropriate measures. Old ceramic covering surfaces must be thoroughly cleaned and abraded if necessary.

Gypsum plasters (according EN 13279-1) should have a residual moisture of ≤ 75% RH. Cement-based screeds (28 days old): ≤ 85% RH, cement-based screeds (heated): ≤ 75% RH, calcium sulphate screeds must have residual moisture of ≤ 75% RH, as floor heating screed ≤ 65% RH.

The heated screed temperature must be ≤ 20°C during the membrane installation phase and during the next 24 hours.

Uneven substrates must be smoothed with the appropriate Casco levelling compound as required prior to the membrane application.

Observe country-specific guidelines.

MIXING

Casco® HydroStop Pro is ready to use.

APPLICATION

- Apply the first layer alternatively with a brush or a long hair roller.
- Sealing accessories should be installed during the first Casco® HydroStop Pro application layer.
- Movement joints as well as floor and wall connection joints should be bridged with sealing tape WetStop KL or self-adhering tape WetStop Butyl, WetStop SH, or WetStop Vinkelband.
- Inside corners must be sealed with WetStop PC, external angles with WetStop PC-E.
- The penetrations around the floor drains should be sealed with WetStop MG or WetStop MG-L, depending on the type of floor drain.
- The penetration around the pipes should be sealed with WetStop C (previously MP) sealing cuffs. Choose the appropriate WetStop C (MP) sealing cuff, depending on pipe diameter.
- The sealing WetStop KL/ Vinkelband/ PC/ PC-E/ C (previously MP) must be inserted into the fresh Casco® HydroStop Pro.
- Self-adhering sealing tapes WetStop Butyl/ SH and self-adhering floor drain sealing cuffs WetStop MG/ MG-L should be inserted prior Casco® HydroStop Pro application directly after the priming phase on the

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dry film.

- The complete top surface of the sealing tapes Wet-Stop SH/ Butyl and floor drain sealing cuffs WetStop MG/ MG-L must be covered with Casco® HydroStop Pro.
- Apply Casco® HydroStop Pro in the areas which could be covered with WetStop sealing accessories within the open time of approx.10 minutes.
- At least 5 cm is required in the overlapping area of the sealing accessories.

CLEANING OF EQUIPMENT

Clean tools with water immediately after use.

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 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.

Sika Sverige AB

Domnarvsgatan 15
Box 8061
SE- 163 08 Spånga Sweden
TEL: +46 8 621 89 00
info@se.sika.com
www.casco.eu



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