



Casco is all you need

Casco is part of Sika, one of the world's leading companies in the field of construction chemistry. Our research and development department is constantly creating products which make life simpler for both professional and do-it-yourself users. Casco is a reliable full-line supplier of construction products. Its range includes all kinds of adhesives, levelling products, sealants and grouts.

All products have environmental declarations and are quality-assured to meet the demands of builders, specifiers, building contractors, building managers and society as a whole. Visit casco.se for more information about our products and for a variety of assembly instructions.

For questions not answered on our website, consult your dealer.

Casco Folie Installation instructions

Tanking system for wet rooms. Recommended for all approved surfaces in all wet zones.



Sika Sverige AB
Box 11550, SE 100 61 Stockholm
Phone: +46 8 621 79 00
casco@se.sika.com
www.casco.se

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These installation instructions are part of the following series from Casco

- 1 Preparing the surface
- 2 Laying underfloor heating
- 3 Casco Folie - Installation instructions
- 4 Casco Rollat - Installation instructions
- 5 Tiling and grouting

Five steps to an approved tanking membrane in wet rooms

This installation instruction describes step by step the different actions necessary for professional installation of Casco Folie 1 and 2. The systems have

been tested and approved to meet all applicable requirements and industry regulations.

1. Check the surface

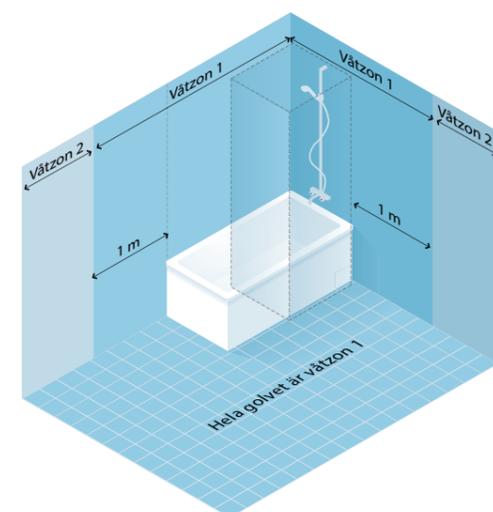
What kind of surface do the walls and floor in the wet room have? The type of tanking system used will depend on the surface and the wet zone. If there are

several types of surface in the wet room, several different tanking systems may be needed. See table and drawing for Step 3.

2. Check applicable requirements

The industry regulations for wet rooms have been produced by the industry associations – BKR and Säker Vatten. They are the experts in their field and

their rules must be followed to ensure approval of the construction. You can find their guidelines on our website or access them from the QR codes below.



3. Select the tanking system

Casco Folie 1 and 2 are two tanking systems approved by Industry Association BKR. They are also systems which can be used on all surfaces in the wet room, as they have the highest levels of reliability and water-tightness. The Casco range of approved tanking systems also includes two roll-on systems - Casco Rollat 1 and 2. See separate installation instruction

Wet room zones

The most exposed surfaces in a wet room are classified as **Wet Zone 1**. This comprises the whole floor and the walls within at least one metre of the bathtub/shower. **Wet Zone 2** comprises the other wall surfaces. If part of the outside wall is in wet zone 1, the whole of the wall must be treated in the same way.

Other types of wet room

The floors of WCs, laundry rooms and spaces containing a water heater, etc. must also be fitted with a tanking membrane. Regardless of the system chosen, the tanking membrane must continue at least 50 mm up the wall.

SURFACE	CASCO FOLIE 1				CASCO FOLIE 2			
	WET ZONE 1		WET ZONE 2		WET ZONE 1		WET ZONE 2	
CONSTRUCTION PANELS								
Wet room panels	X	X	NOT PERMITTED		X	X	X	X
Paper-clad gypsum plaster panels	X	X	NOT PERMITTED		X	X	X	X
Filled suspended timber flooring	X	X	NOT PERMITTED		X	X	NOT PERMITTED	
SOLID CONSTRUCTION								
Concrete and plaster and/or brickwork	X	X	X	X	X	X	X	X
Penetrating damp	CASCO WETBLOCK*							

* Read more in BBV Regulation 2:1

4. System products

Quantities for the different products can be easily estimated on our website



PRODUCTS COMMON TO BOTH SYSTEMS

PRODUCT

SEALING TAPE

WetStop Sealing Tape KL

WetStop Sealing Tape SH

INNER AND OUTER CORNERS

WetStop PC Inner Corner

WetStop PC-E Outer Corner

CUFFS

WetStop MP Pipe Cuff 10-24 mm

WetStop MP Pipe Cuff 32-60 mm

WetStop MP Pipe Cuff 70-125 mm

WetStop MP Pipe Cuff 2 x 20-32 mm

WetStop MG Gulley Cuff 370 x 370 mm

WetStop MG Gulley Cuff 250 x 1500 mm

TOOLS

Always use suitable tools as recommended

CASCO FOLIE 1

PRODUCT

WetStop iFIX

WetStop Foil

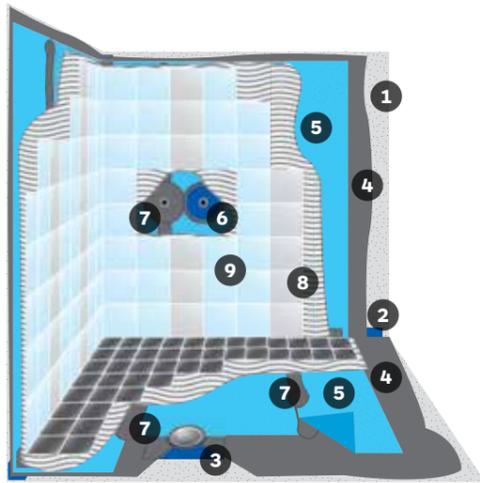
CASCO FOLIE 2

PRODUCT

WetStop Adhesive

WetStop Foil Seal

WetStop Foil



5a. Casco Folie 1

For all panel and solid constructions in all wet zones

Casco Folie 1 is a tanking system suitable for rapid working, as you use iFIX both for gluing the membrane and seals and for sealing the overlaps. It is a good choice for well-planned projects, as applying iFIX requires quick and practised application.

Construction elements Casco Folie 1

1 Substrate 2. Sealing Tape KL and Inner and Outer Corners 3. Gully Cuff and Sealing Tape SH 4. WetStop iFIX 5. WetStop Foil 6. Pipe cuffs 7. Sealing 8. Tile adhesive and tiles 9. Grouting

Product summary

For other products in the system, see Page 3 of these installation instructions.



WetStop iFIX

For gluing WetStop Foil and WetStop seals. Also for overlaps and terminations. A quick-drying 2-component product. Consumption: 1.0 kg/m².



WetStop Foil

For vapour and water sealing before installing tiles. Vapour resistance is approx. 4,000,000 s/m. The limit value specified by "Boverket" is 1,000,000 s/m. Consumption: 1 m/m².

NB! Make sure to mix WetStop iFIX until it is completely smooth and free from lumps, as dry powder can act as 'corridors', drawing in water through a capillary action.

Hint! Remove a part of the dispersion when mixing and add it at the end – just like when whisking up the batter to make pancakes.

HINT! Blisters may form when fitting the foil. Cut a slit in the blister and apply WetStop iFIX to it. Then cut an appropriately sized piece of foil and glue it over the slit. To finish, seal the edges with iFIX.

If a tile breaks, it can be fixed. See the video clip on our website about making repairs.

See also the instruction film on www.casco.se



1 Clean the surface. In case of absorbent surfaces, pretreat with Casco Primer. Apply WetStop iFIX to the corner and mount Inner/Outer Corners. Press hard to fix.



2 Cut suitable lengths of WetStop Sealing Tape. Apply WetStop iFIX and mount Sealing Tape KL. For Sealing Tape SH: mount directly on floor/wall angle. Overlap Inner/Outer Corners.



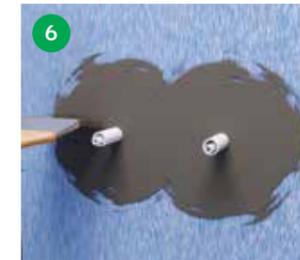
3 Cut membrane lengths so as to overlap the sealing tape at the floor/wall angle by 50 mm. Apply WetStop iFIX.



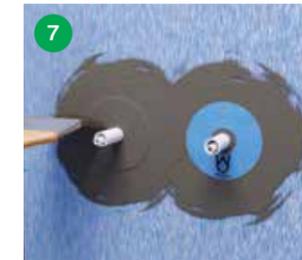
4 Use the 'WetStop Gnidde' trowel to smooth the WetStop foil and press it firmly in place. Overlap the sections up to the black lines. Glue and seal all overlaps with WetStop iFIX. Where the walls meet the floor, glue and seal to a distance of 15 cm out onto the floor and up the wall.



5 Seal overlaps/joints with WetStop iFIX.



6 Cut holes for pipes, etc. Apply WetStop iFIX around the pipes.



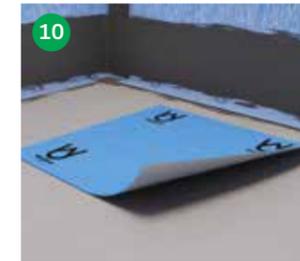
7 Mount a suitable pipe cuff and press hard to fit. Seal the edge with WetStop iFIX.



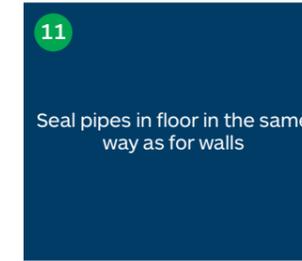
8 When all is dry (after about 3 hours), wall tiles can be installed.



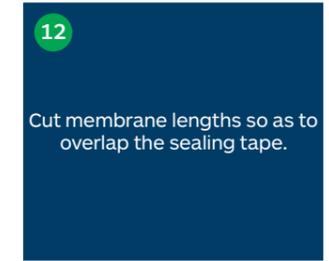
9 Position the cutting template in the JAFO floor gully. Or follow the instructions from the gully manufacturer.



10 Remove the protective paper and mount the gully cuff. Be careful not to allow air pockets or blisters to form.



11 Seal pipes in floor in the same way as for walls



12 Cut membrane lengths so as to overlap the sealing tape.



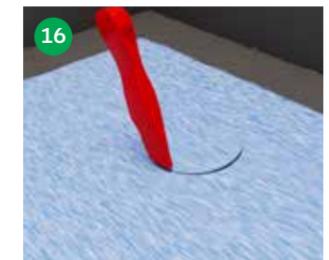
13 Apply WetStop iFIX over the cuff and continue onto the floor.



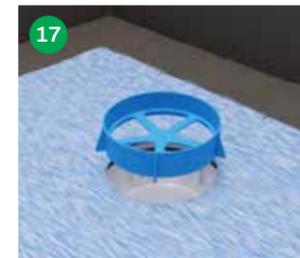
14 Rub the WetStop Foil to fix and overlap the lengths at the edges.



15 Glue and seal the overlaps/joints with WetStop iFIX.



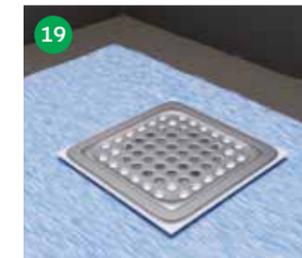
16 Cut out the hole in the WetStop Foil/Gully Cuff. Follow the instructions from the gully manufacturer.



17 JAFO: Remove the cutting template.



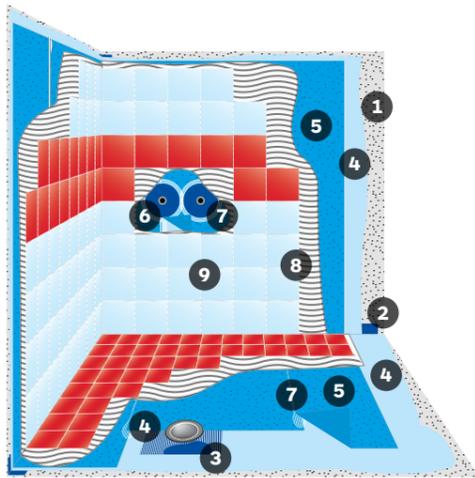
18 JAFO: Fit and screw in the clamping ring.



19 JAFO: Fit the grate



20 Once everything is dry (after approx. 3 hours), you can install the ceramic floor tiles. To finish, install the final row of tiles along the walls.



5b. Casco Folie 2

For all panel and solid constructions in all wet zones

Tanking system Casco Folie 2 uses products which do not require mixing but are ready to use direct from their packaging, which can be resealed again. The system thus allows you to install components one at a time, if this method of working suits you better.

Tips

Air bubbles may sometimes form when applying tanking membrane. Cut a hole in the air bubble and apply Foil Seal to the cut. Then cut out a larger piece of membrane and glue it over the cut. Seal the edges.

Construction elements Casco Folie 2

1 Surface 2. Sealing Tape KL and Inner and Outer Corners 3. Gully Cuff and Sealing Tape SH 4. WetStop Adhesive. WetStop Foil Seal on gully cuff 5. WetStop Foil 6. Pipe cuffs 7. Sealing 8. Tile adhesive and tiles 9. Grouting

Product summary

For other products in the system, see Page 3 of these installation instructions.

WetStop Adhesive

For applying WetStop Foil to an absorbent surface and also Inner/Outer Corners and Sealing Tape KL. Adhesive with strong adhesive force and long open assembly time which is easy to apply with a roller.
Consumption: 0.25 L/m².



AquaStop

AquaStop An alternative to WetStop adhesive for applying foil.
Consumption: 0.30 L/m².



WetStop Foil

For vapour and water sealing before installing tiles. Vapour resistance is approx. 4,000,000 s/m. The limit value specified by "Boverket" is 1,000,000 s/m.
Consumption: 1 m/m².



WetStop Foil Seal

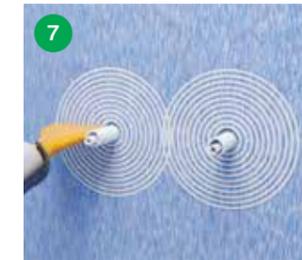
Assembly mastic for gluing and terminating overlaps both on WetStop Foil and on seals. Easy to apply with a mastic gun and suitable applicator.
Consumption: 40 ml/m.



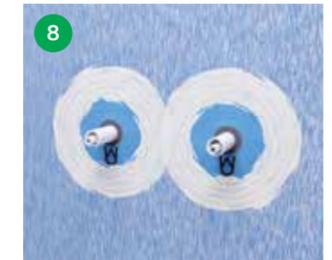
Overlap the lengths up to the black lines. Glue overlaps with WetStop Foil Seal.



Seal overlaps/joints by spreading surplus WetStop Foil Seal over the edge.



Apply WetStop Foil Seal round pipes.



Mount suitably fitted Pipe Cuffs and press hard to seal. Seal the overlap by spreading surplus WetStop Foil Seal over the edge.



When all is dry (after about 3 hours), wall tiles can be installed.



Position the cutting template on the JAFO floor gully. Or follow the instructions from the gully manufacturer.



Remove the protective paper and mount the gully cuff. Be careful not to allow air pockets or blisters to form.



Cut membrane lengths so as to overlap the sealing tape. Apply WetStop Foil Seal over the cuff and Sealing Tape.



Apply WetStop Adhesive to remainder of floor.



Rub the WetStop Foil to fix and overlap the lengths at the edges. Seal pipes in floor in the same way as for walls



Glue overlaps with WetStop Foil Seal. Seal the overlap spreading surplus WetStop Foil Seal over the edge.



Cut out the hole in the WetStop Foil/Gully Cuff. Follow the instructions from the gully manufacturer.

See instruction film on www.schonox.se, and also the film for repairs



Clean the surface. Apply Foil Seal to the corner and install Inner/Outer Corners. In the case of an absorbent surface, WetStop adhesive can be used instead. Press hard.



Apply Foil Seal and install Sealing Tape KL. In the case of an absorbent surface, WetStop adhesive can be used instead. For Sealing Tape SH: install directly on floor/wall angle.



Cut membrane lengths so as to overlap the sealing tape at the floor/wall angle by 50 mm. Apply WetStop Adhesive to the wall and Foil Seal to the Sealing Tape.



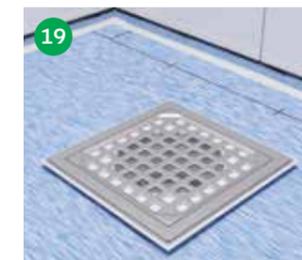
Rub and press the WetStop foil into position with the Rubbing Tool. Cut out holes for pipes, etc.



JAFO: Remove the cutting template.



JAFO: Fit and screw in the clamping ring.



JAFO: Fit the grate



When all is dry (after about 3 hours), the tiles can be installed.