

# WATERPROOFING INSTALLATION SYSTEM FOR BUILT-IN SHOWER

Edition: 2020



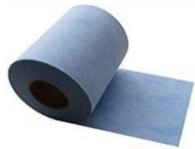
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Anti-mold sealant **OTTOSEAL S100** silicone sealant from **OTTOCHEMIE**. For stone, marble, or granite, we seal with **OTTOSEAL S70 from OTTOCHEMIE**.



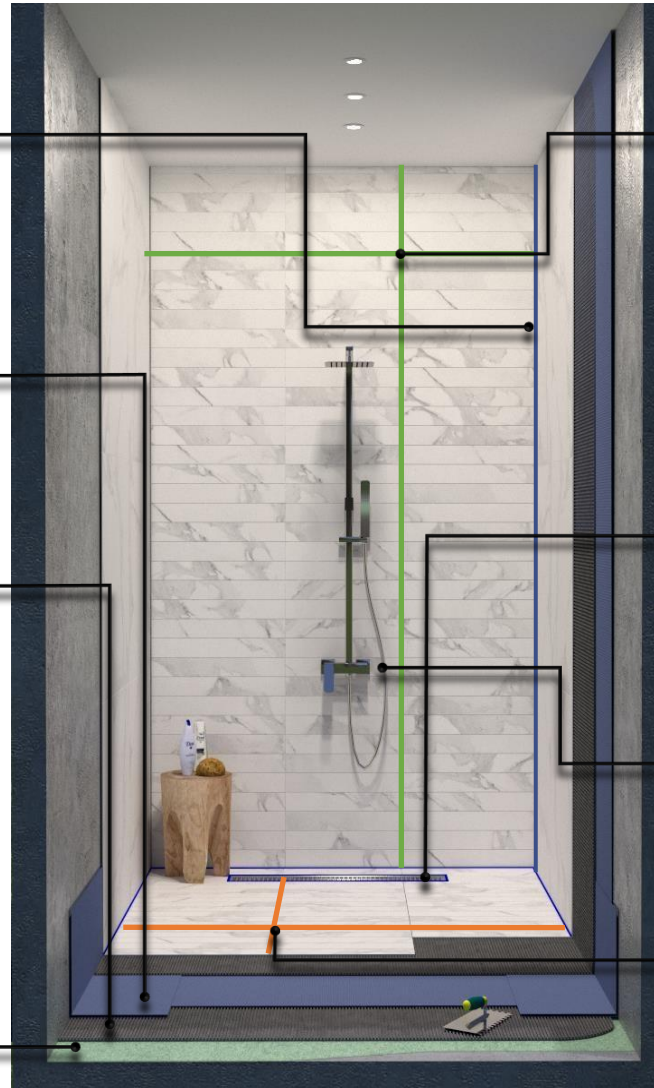
Waterproofing membrane for floor surfaces and wall with corners with **KOBAU FLEX SD-60 from KOBAU**.



**SUPER FLEX SP-30 by VIODOM**. Extremely high-quality elastic tile adhesive with excellent specifications and characteristics. Provides high adhesion, elasticity, and water repellency.



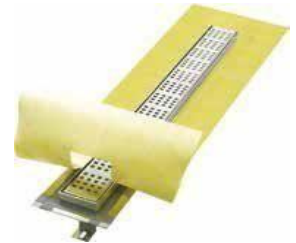
VIODOM cementitious insulation containing **VIODOM SEAL STEG SL42** waterproofing mortar mixed with VIODOM **BIO ACRYL B13** resin-based emulsion.



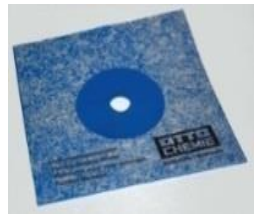
Special composition cementitious grout (for walls and floors) **GRANITO FIX FS-4 by VIODOM**



**ECOLINE** shower drain **by DURAL**



Special elastomer sleeve with expansion strip for permanent watertight sealing in pipes under tiles, slabs, and ceramic coatings **OTTOFLEX 160 mm x 160 mm OFS/OFDM 31-50 from OTTOCHEMIE**.



**HERKO EPOFIX FS-1 by VIODOM** Two-component epoxy grout with high mechanical strength and watertightness.



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## Installation process

- Substrate preparation

Clean the surface of dust and any dirt grease, etc., and brush 1-2 coats of VIODOM BIO ACRYL B-13 crosswise to reinforce the surface where there is an unstable (crumbly) substrate .

## Stage 1

Installation of selected drainage (floor drain) according to the manufacturer's instructions on the already formed shower base area .

## • Stage 2

Level the shower base with the rest of the floor by pouring concrete and giving it a slight slope towards the drain .

## • Stage 3

Optional – if necessary (to close the pores in the concrete)

Apply SEAL STEG SL42 20kg mortar mixed with VIODOM BIO ACRYL B-13 4ltr with a brush in one coat. Apply to the entire floor and around 30cm up the wall.

## • Stage 4

Apply KOBAU FLEX SD60 waterproofing membrane by KOBAU over the entire surface above the waterproofing (Stage 3). Apply a thin layer of VIODOM SUPER FLEX SP-30 25kg adhesive to the entire surface of the built-in shower floor, turning it and applying it to the masonry at a sufficient height. If desired, it can be applied to the entire wall and on top of which the tiles will be applied. (The 5cm joint-coating of the waterproofing membrane is done using OTTOCHEMIE OTTOCOLL M500 310ml).

## • Stage 5

Spread VIODOM SUPER FLEX SP-30 25kg adhesive onto the waterproofing membrane using a notched trowel for tiles. The adhesive should be spread on the substrate (which in this case is covered with KOBAU FLEX SD60 waterproofing membrane by KOBAU) and on the back of the tile (complete coverage). After installation, we take care of the grout and flatness.

## • Stage 6

We grout the wall tiles with VIODOM GRANITO FS-4 cementitious grout and the floor tiles that form the shower base with VIODOM HERKO EPOFIX FS-1 epoxy grout. If desired, we can grout the entire floor of the shower room with epoxy grout. We seal the perimeter of the tile grout with the wall using OTTOSEAL S100 310ml anti-mold sealant (available in various colors).

## • Stage 7

After installing the wall tiles, seal the perimeter of the floor tile corner with the wall tiles, as well as the vertical wall-to-wall corner, using OTTOCHEMIE OTTOSEAL S100 310ml anti-mold sealant(available in various colors) using OTTOPRIMER X-PR 1216 250ml primer, OTTO-FUGENBOY Y-ZUB grouting trowels from OTTOCHEMIE and OTTO SMOOTHING X-GL liquid abrasive from OTTOCHEMIE for easier and cleaner installation of the silicone. Where there is marble, stone, or granite, use OTTOCHEMIE OTTOSEAL S70 310ml sealant with OTTOCHEMIE OTTO SMOOTHING X-GLM liquid abrasive, which does not leave a greasy residue. (see installation system)

\*\*\*\* Special elastomer sleeve with expansion strip for permanent watertight sealing in pipes under tiles, slabs, and ceramic coverings [OTTOFLEX 160 mm x 160 mm OFS/OFDM 31-50 from OTTOCHEMIE](#).