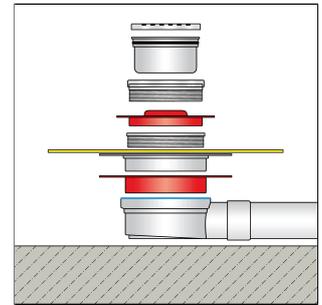
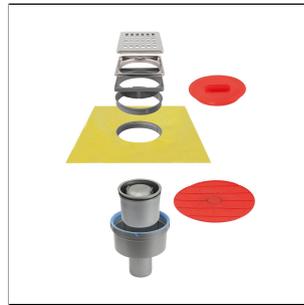




TI-DRAIN Set

Modular Floor Drain Complete Set With System Sealing



PROPERTIES

Includes odour trap system and red protective covers.

Drain outlet Horizontal DN 40, DN 50, DN 70 / Vertical DN 50

Installation height horizontal TD H 4053 = 53 mm, TD H 5060 = 63 mm, TD H 7092 = 93 mm

Installation height vertical TD V 50 = 63 mm

Water seal height for horizontal drains 25 mm / 30 mm / 50 mm

Water seal height for vertical drain 50 mm

MATERIAL

ABS plastic (acrylonitrile butadiene styrene)

TD AF 20: polypropylene

TD AN 20: Glass fibre mesh

Stainless steel V2A/304 is particularly suitable for applications subject to high mechanical stress and for applications with particularly high requirements for cleanliness, hygiene and chemical resistance. Contact with products containing hydrochloric acid must be avoided.

No tools made of unalloyed steel may be used during processing. Open cut edges are not rust-resistant. If necessary, separate rust protection must be applied.

Even with stainless steel, flash rust may occur depending on the environmental conditions and should be removed immediately.

The suitability of the material with regard to mechanical and chemical resistance must always be checked in individual cases.

The suitability for mechanical and chemical loads must always be checked on a case-by-case basis.

CARE

TI-DRAIN drains and sealing flanges do not generally require any special maintenance, as the majority of the elements are located in the floor construction.

Stainless steel V2A/304 does not require any special care. If necessary, it can be cleaned simply with clear, clean water and a few

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drops of washing-up liquid. Then wipe dry.

Avoid using acidic, alkaline and abrasive cleaning agents. Flash rust can be removed with commercially available polishes suitable for stainless steel.

PROCESSING

1. Before installation, connect the floor drain (module 3) to one of the two sealing options (module 2).
2. Connect the floor drain and sealing firmly to each other. For further processing, fold the excess WP foil or fibreglass mesh and place it on top.
3. Align the TI-DRAIN on site at the specified drainage point, taking into account the floor covering gradient of approx. 1-2%, to the appropriate height and fix it to the substrate with cement or screed mortar. The drain housing must be aligned horizontally for this purpose.

4. Connect the outlet pipe of the drain pot to the domestic drainage pipe using a plug-in sleeve. The drain gradient between the TI-DRAIN drain and the domestic drainage pipe should be at least 0.5%. Check the connection for leaks and proper drainage.

To protect the drainage system, then fit the smaller of the two red building protection covers.

If necessary, suitable sound insulation measures must be taken in the area of the floor drain/drainage pipe to prevent disturbing sound bridges.

5. Create a proper compound sealing with a proper connection to Module 2.

If using a brushable compound sealing, embed the mesh between the first and second sealing layers so that it is flush with the surface. (When using the WP variant, the WP mat is bonded to the screed over the entire surface and free of bubbles using flexible mortar (C2) with a 4 mm comb tooth pattern. The subsequent compound sealing, e.g. with DURABASE WP, is bonded with the WP variant in a width of approx. 8-10 cm, overlapping and watertight (e.g. with Classic Flex 310).

6. For subsequent tile laying, remove the building protection cover again and screw the grate frame (module 1) into the flange ring of module 2. Screw the plastic frame onto the threaded adapter (both module 1) and align it to the height of the upper edge of the tile covering.

Place the stainless steel grate frame over the plastic frame. This is used to hold the stainless steel grate cover, which is to be placed here.

When adjusting the height of the plastic frame, take into account the material thickness of the stainless steel frame (7–17 mm). Ensure that the tile covering is flush with the stainless steel frame.

Check that the drain pot and odour trap (siphon) are working properly. The stainless steel grating cover can then be inserted.

The connection joint between the stainless steel frame and the tile covering must be approx. 5 mm wide and sealed with an elastic jointing material (e.g. MS polymer rubber). Protect visible surfaces from contact with tile adhesive or joint mortar and clean immediately with a cloth and clear water if necessary. Then rub dry.

The generally accepted rules of technology and tiling must be observed. Suitability for use with mechanical and chemical resistance must always be checked in each individual case.

TECHNICAL DIMENSIONS AND PRODUCT VARIANTS

Material	[Divers]
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Length	10 cm, 15 cm
Width mm	100 mm, 150 mm
dimension	100 x 100 mm, 150 x 150 mm

PRODUCT VARIANTS

Ident	Length
TD SET F 5076-V	10 cm
TD SET F 5060	10 cm
TD SET N 5060	10 cm
TD SET F 5060-15	15 cm
TD SET N 5060-15	15 cm

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