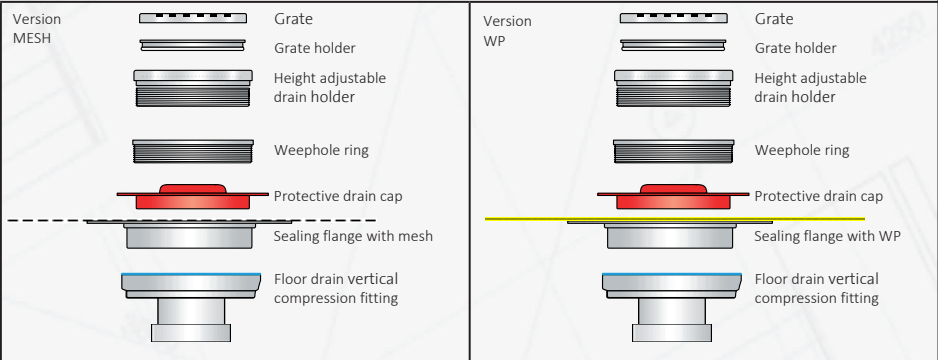


Technical Datasheet

TI-DRAIN

Complete set

References	TI-DRAIN KIT CF
Product group	Tiled shower floor drain with system seal
Drain system	Vertical drain
Floor drain material	ABS (Acrylnitril-Butadien-Styrol)
Installation height: vertical	minimum 2 cm (0.79 in.)
Material threaded adapter	ABS (Acrylnitril-Butadien-Styrol)
Height-adjustable holder	ABS holder height-adjustable 7-17 mm (0.25 - 0.67 in.)
Downtube	ABS (Acrylnitril-Butadien-Styrol)
Grate material	Stainless steel V2A
Seal material	WP or Mesh
Drain pipe outlet	Compatible with 50 mm (2 in.) schedule 40 outlet
Seal size with WP/mesh	350 x 350 mm (13.78 x 13.78 in.)
Testing	Meets and exceeds ASME A112.18.2-2015 CSA B125.2-15 for plumbing waste fittings
Illustration	 <p>Version MESH</p> <ul style="list-style-type: none"> Grate Grate holder Height adjustable drain holder Weephole ring Protective drain cap Sealing flange with mesh Floor drain vertical compression fitting <p>Version WP</p> <ul style="list-style-type: none"> Grate Grate holder Height adjustable drain holder Weephole ring Protective drain cap Sealing flange with WP Floor drain vertical compression fitting

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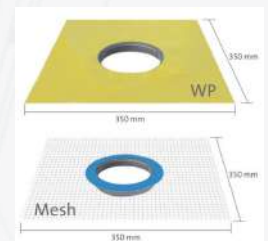
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INSTALLATION INSTRUCTIONS

- version CF compression fitting to 2" outlet



1. Cut the 2" waste pipe flush with the top of the subfloor, or above the subfloor if extra height is needed for mud bed installations, and make sure there is at least a 3.5 inch diameter hole in the floor to fit the downtube. The hole should not be too big to cause structural issues in the subfloor. Check with the mud bed manufacture's guide for the thickness of the mud base.
2. Press the down tube compression fitting over the 2" waste pipe until the waste pipe hits the back of the downtube. Make sure the compression fitting fits tightly and securely to the waste pipe.
3. Cover the gray down tube using the drain cap provided to prevent debris from entering the drain during the installation process. Install the mud bed shower floor according to the manufacturer's guide. The mud bed around the cone should be flush with the cone top opening.
4. After the mud base cures, use a 1/8" notched trowel to install thin set mortar around the cone (about 12" perimeter).
5. Push the DURAL flange with WP membrane or mesh version into the black compression fitting of the DURAL cone. Use the flat side of the trowel or a grout float to press the WP membrane into the thin set mortar. If using the mesh version, the liquid waterproofing method should be followed and applied over the mesh and drain flange.
6. You can now waterproof the rest of the area. After waterproofing is complete, a flood test should be performed to test for any leaks.
7. You can now install the drain cover. Screw in the weep hole ring and plastic tray turning down until you reach your desired height to match your tile thickness. Then you can lay in the stainless steel drain cover.



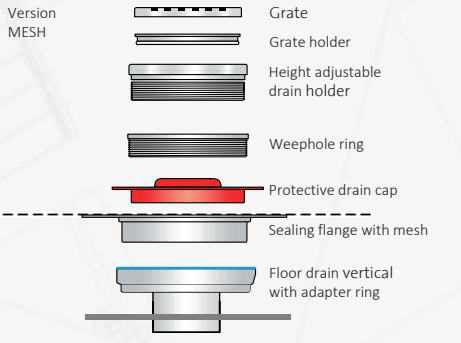







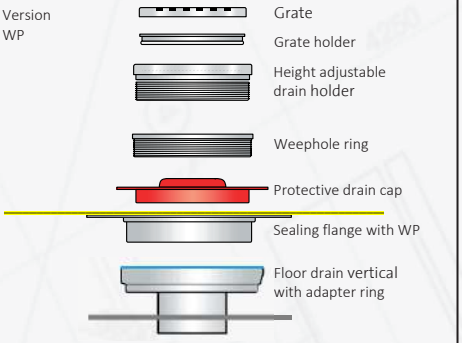







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Technical Datasheet

TI-DRAIN

Complete set

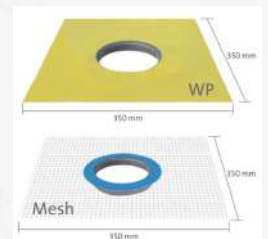
References	TI-DRAIN KIT FHA
Product group	Tiled shower floor drain with system seal
Drain system	Vertical drain
Floor drain material	ABS (Acrylnitril-Butadien-Styrol)
Installation height: vertical	minimum 2 cm (0.79 in.)
Material threaded adapter	ABS (Acrylnitril-Butadien-Styrol)
Height-adjustable holder	ABS holder height-adjustable 7-17 mm (0.25 - 0.67 in.)
Downtube	ABS (Acrylnitril-Butadien-Styrol)
Grate material	Stainless steel V2A
Seal material	WP or Mesh
Drain pipe outlet	Compatible with standard 3 part plumbing drains or 2" outlet using a coupling
Seal size with WP/mesh	350 x 350 mm (13.78 x 13.78 in.)
Testing	Meets and exceeds ASME A112.18.2-2015 CSA B125.2-15 for plumbing waste fittings
Illustration	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Version MESH</p>  <ul style="list-style-type: none">  Grate  Grate holder  Height adjustable drain holder  Weephole ring  Protective drain cap  Sealing flange with mesh  Floor drain vertical with adapter ring </div> <div style="width: 45%;"> <p>Version WP</p>  <ul style="list-style-type: none">  Grate  Grate holder  Height adjustable drain holder  Weephole ring  Protective drain cap  Sealing flange with WP  Floor drain vertical with adapter ring </div> </div>

INSTALLATION INSTRUCTIONS

- version FHA connection to 3 part drain



1. Remove the 4 screws from the mud clamp ring and discard the clamp ring.
2. Use urethane around the perimeter of the clamp ring and line up the screw holes of the DURAL metal adapter ring with the screw holes of the bottom of the clamp ring.
3. Use the screws from the clamp ring and secure the DURAL metal adapter to the clamp ring.
4. Push the DURAL gray down tube into the black compression gasket of the DURAL metal adapter and adjust to the desired height. Remember to follow the mud base manufacturer's recommendation for the thickness of the mud base. After setting the height, make sure the top of the cone is level.
5. Cover the gray down tube using the drain cap provided to prevent debris from entering the drain during the installation process. Install the mud bed shower floor according to the manufacturer's guide. The mud bed around the cone should be flush with the cone top opening.
6. After the mud base cures, use a 1/8" notched trowel to install thin set mortar around the cone (about 12" perimeter).
7. Push the DURAL flange with WP membrane or mesh version into the black compression fitting of the DURAL cone. Use the flat side of the trowel or a grout float to press the WP membrane into the thin set mortar. If using the mesh version, the liquid waterproofing method should be followed and applied over the mesh and drain flange.
8. You can now waterproof the rest of the area. After waterproofing is complete, a flood test should be performed to test for any leaks.
9. You can now install the drain cover. Screw in the weep hole ring and plastic tray turning down until you reach your desired height to match your tile thickness. Then you can lay in the stainless steel drain cover.



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