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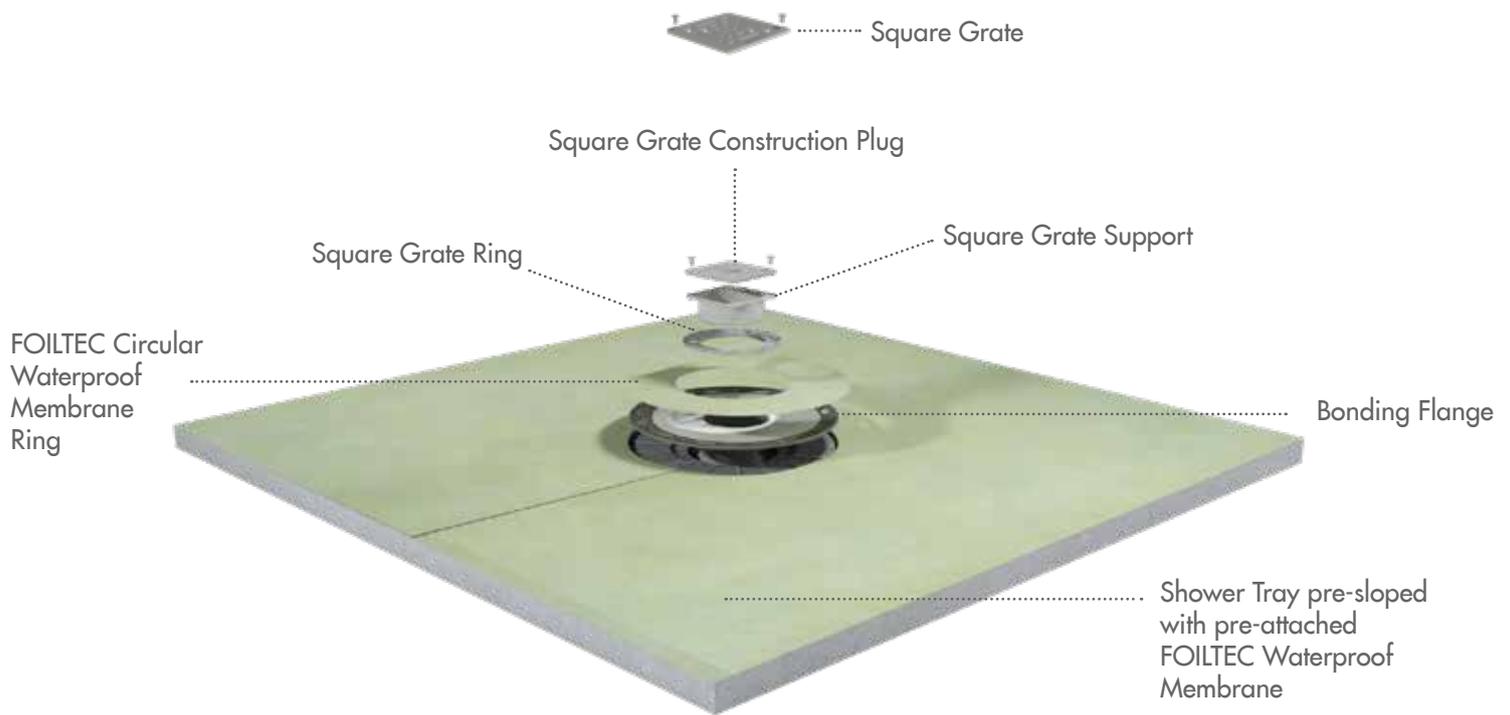
PLEASE NOTE: *Profilitec Showertec products are warranted for a period of 10 years from date of purchase provided they are installed and used in accordance with the instructions provided in the Showertec Manual and with the Terms and Conditions of Sale of Profilitec Corp.*
For further information regarding the "Profilitec Standard Terms and Conditions of Sale" please consult our price list.

shower+tec - CONCEPT

A place of wellness, relaxation and comfort.

The contemporary bathroom reflects these characteristics and also looks for fast and practical solutions without compromising quality and good taste.

With this in mind, Profilitec has created an innovative product that encompasses all the necessary elements to build or renovate an entirely waterproof, maintenance-free shower, quick and easy to install while surpassing the requirements for steam showers.



Simpler



Pre-attached membrane significantly simplifies installation.

Faster



Waterproofed trays and curbs greatly reduce installation time (up to 1 full day).

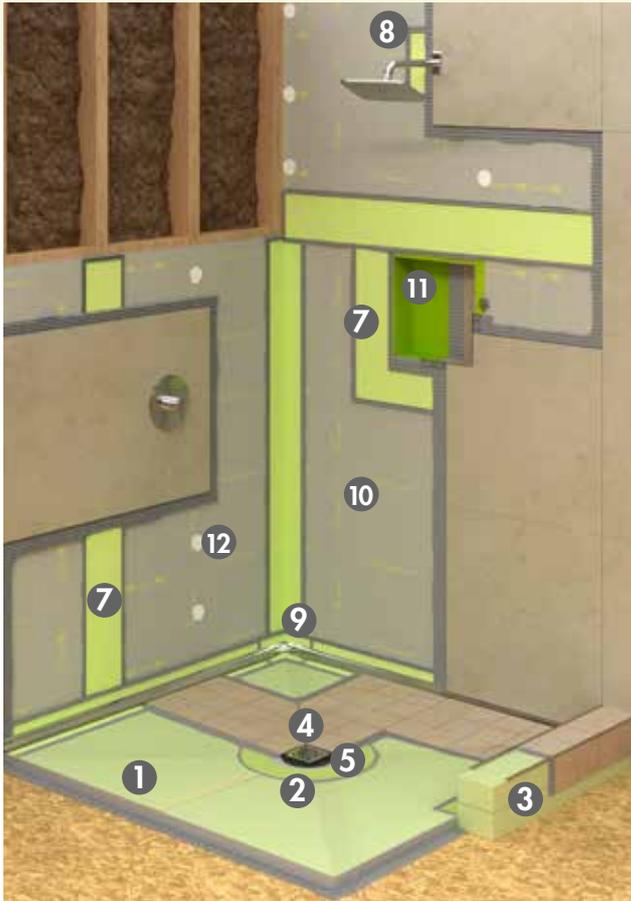
Better



Waterproof membrane conforming to vapour permeance requirements for steam showers, high density foam, high quality drain grates.

EN

shower+tec - COMPONENTS



1 Shower Tray



Pre-sloped



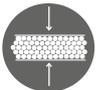
Waterproof and vapor tight



Pre-attached waterproof Membrane



High density EPS



EPS foam contains recycled content



2 Bonding Flange Kit



Pre-formed waterproof & vapor tight Membrane Ring



Bonding Flange with high strength bonding surface



Significant lateral Grate adjustment



2.1. FOILTEC Circular Waterproof Membrane Ring

2.2 Bonding Flange

Bonding Flange in PVC, ABS or Flange in Stainless Steel



3 Shower Curb



Waterproof and vapor tight



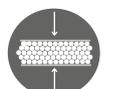
Pre-attached waterproof Membrane



Modular Curb height flexibility



High density EPS



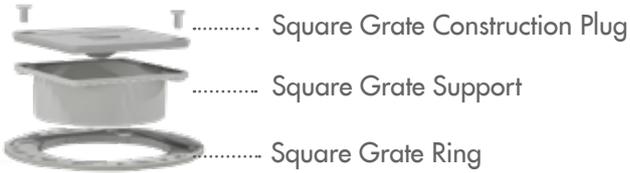
EPS foam contains recycled content



4 Grate



5 Grate Support



Construction Plug	
Frameless solid metal Grate (stainless steel and aluminum)	
High quality brushed and polished finishes	

6 FOILTEC Membrane Roll



7 FOILTEC Sealing Strip



8 FOILTEC pre-formed waterproofing pipe connection



0,033 perm rating (ASTM E96-E)	
Semi-rigid material for ease of installation	

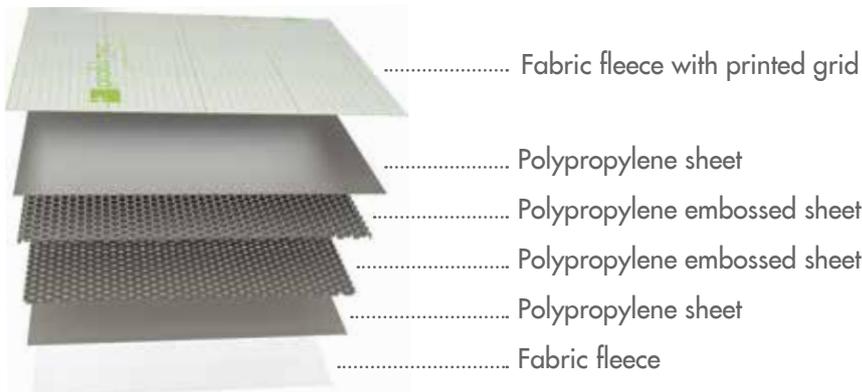
9 FOILTEC Internal Corners



FOILTEC External Corners



10 STBO Waterproof Board

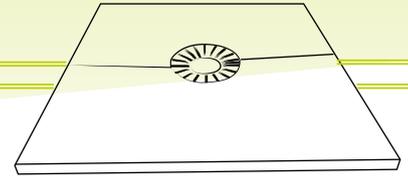


11 STN Waterproof Niches



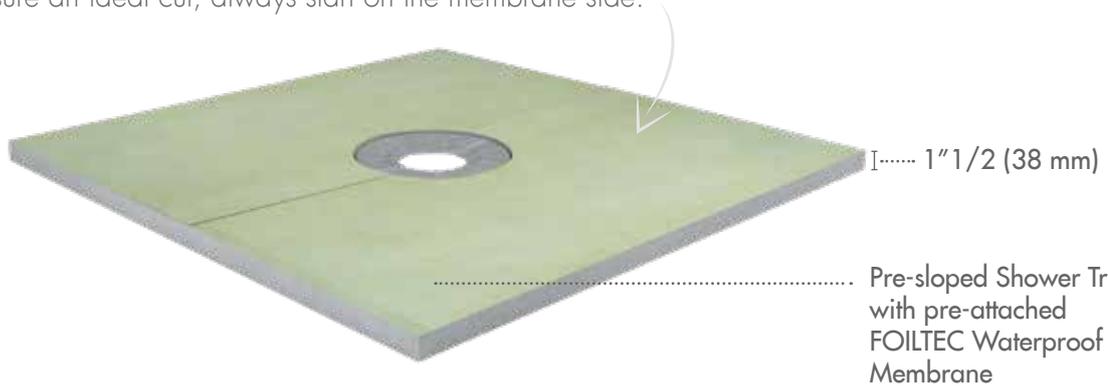
12 FIXXTEC - Multipurpose Waterproofing Adhesive Sealant





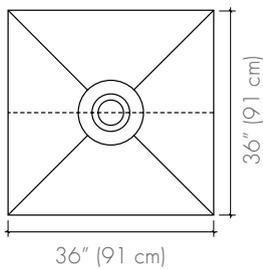
Profilitec Showertec Shower Tray is pre-sloped incorporating the **FOILTEC Waterproof and Vapour Tight Membrane**, which is pre-attached, assuring simple and quick installation while surpassing the requirements for steam showers. The **Tray** can be cut to size using a simple utility knife. It is also possible to extend the **Shower Tray** using dry-pack mortar.

Install Tip: to ensure an ideal cut, always start on the membrane side.

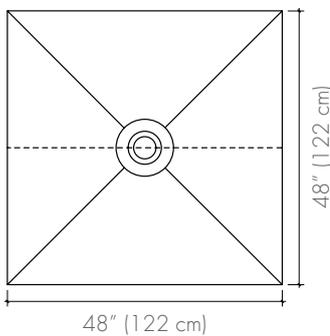


Various sizes available :

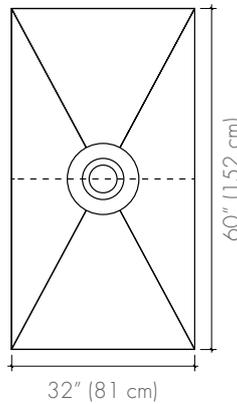
STC-TRAY91/91



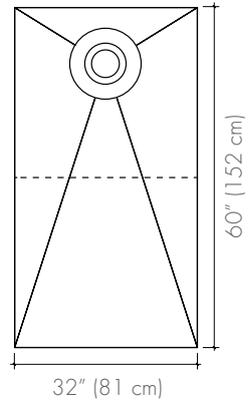
STC-TRAY122/122



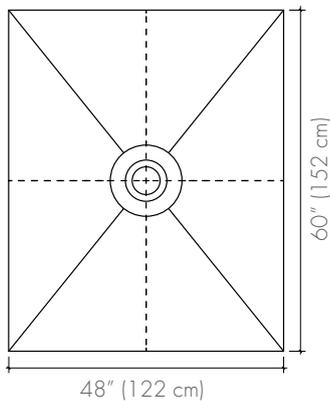
STC-TRAY81/152



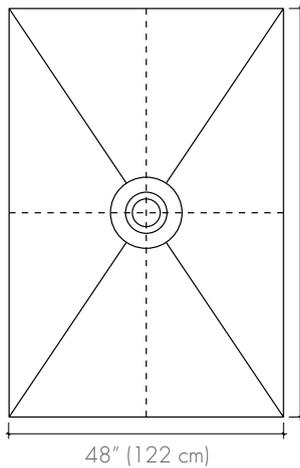
STC-TRAY81/152D



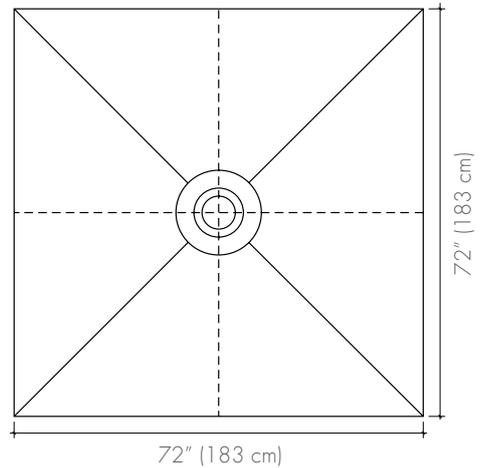
STC-TRAY122/152



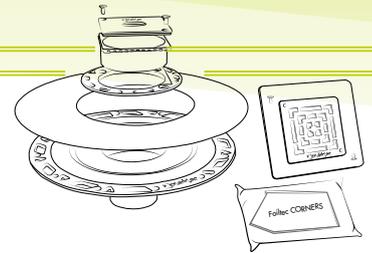
STC-TRAY122/183



STC-TRAY183/183



shower+tec - SQUARE DRAIN KIT



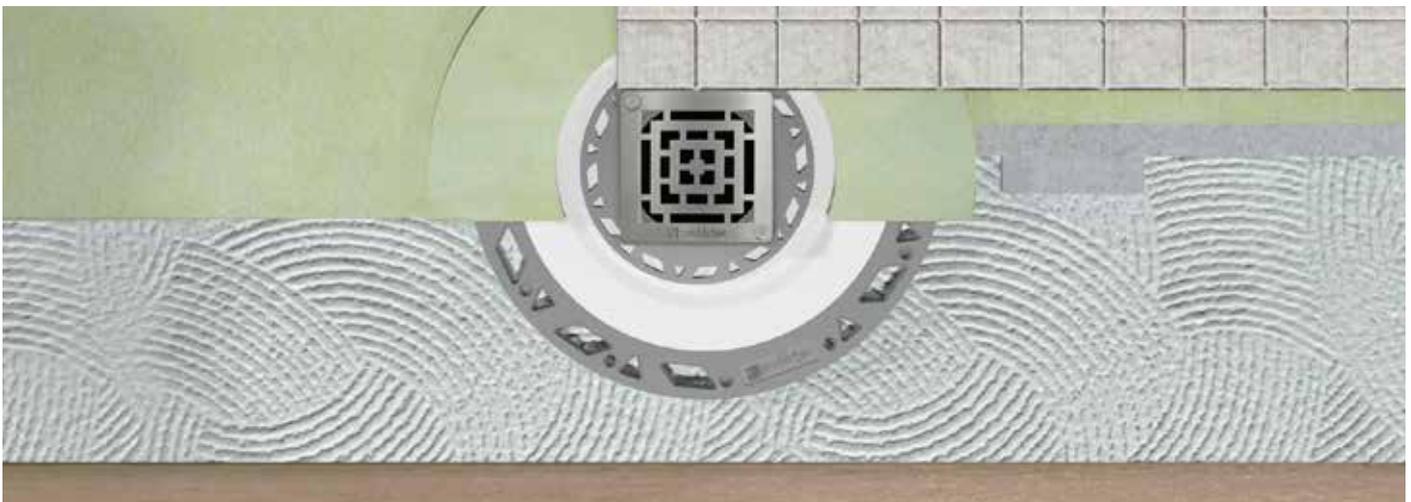
Showertec Square Drain Kit is composed of a bonding **Flange** with a vertical drain and an integrated anchoring membrane, a **FOILTEC Circular Waterproof Membrane Ring**, **FOILTEC Internal** and **External Corners** and a **Square Drain** which is composed of: a ring for the vertical alignment of the drain, a Grate support, a construction plug and fasteners.

Profilitec has created a specially designed plug (**Square Grate Construction Plug**) in polypropylene to protect the Grate during the installation phase ensuring that thin-set mortar does not clog the anchoring holes and prevent material from entering the drain cavity. The cap supplied is mounted onto the support plate.

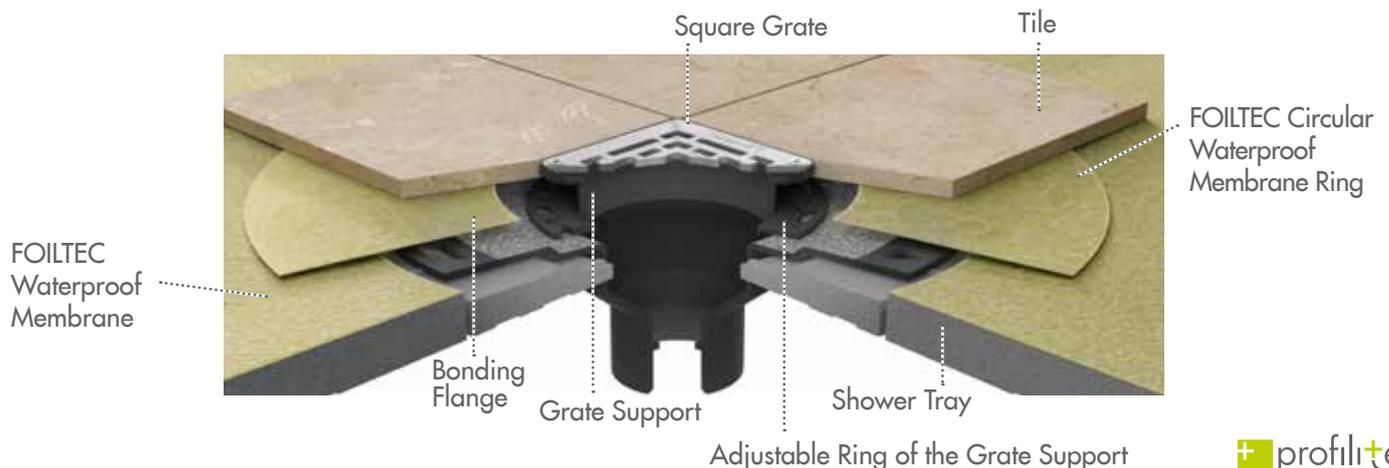
The **Flange** is produced in either ABS or PVC and partially covered in nonwoven fabric to optimize adhesive grip with the **FOILTEC Membrane**. The waterproof membrane in laminated polyethylene has excellent technical characteristics, including a very low water vapor transmission rate. The stainless steel flange is available with a waterproof membrane ring that must be bonded with a sealant (**FIXXTEC**) to ensure the waterproofing of the drain.

The Ring of the Grate support allows the vertical alignment of the drain, the Flange opening was designed to facilitate horizontal alignment. These design details allow the system to be used with tile of all thicknesses.

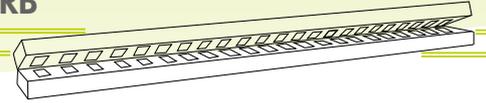
The **Square Grate** is made of solid stainless steel or aluminium and comes in a broad variety of finishes.



INSTALLATION EXAMPLE

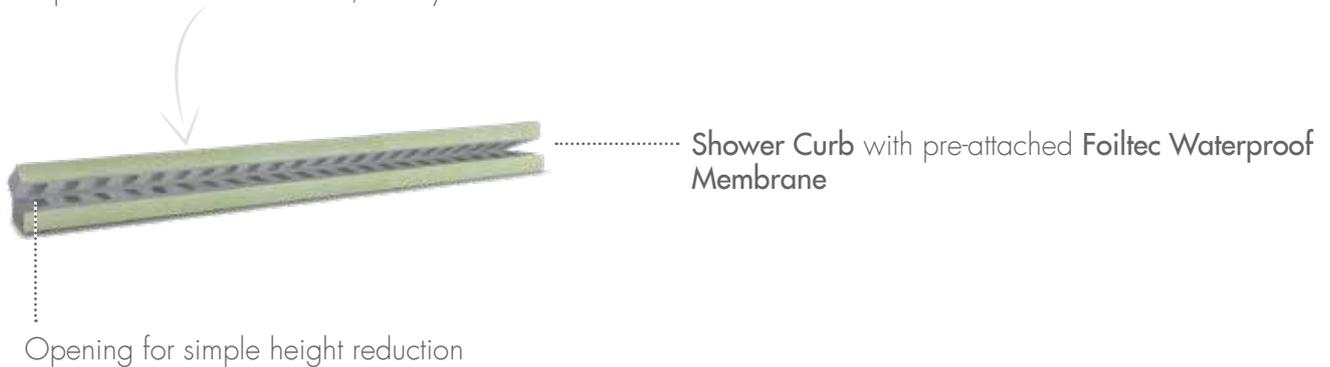


shower+tec - SHOWER CURB



Showertec Shower Curb, part of the Showertec Shower System, is made of high density EPS foam. Showertec Shower Curb is pre-wrapped in FOILTEC Waterproof Membrane on all sides significantly reducing installation time and effort. An opening along the curb allows height adjustment if needed, as shown on the diagram.

Install Tip: to ensure an ideal cut, always start on the membrane side.



Showertec Shower Curb is available in two lengths: 36" (91 cm) and 48" (122 cm). Showertec Shower Curb can be cut to the desired length based on the length of the Showertec Shower Tray.



Cavities are evenly spaced 1" (2,5 cm) for quick and precise sizing (cut using a utility knife).

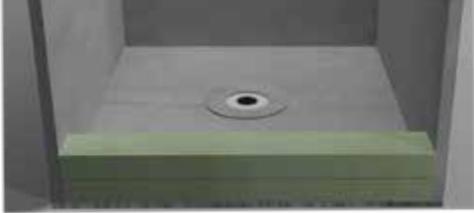


Showertec Shower Curb can be installed various ways (1,2,3), to meet desired aesthetic and functional requirements.

Curb Height = 6" (15 cm)

1

Full Curb with opening facing outward

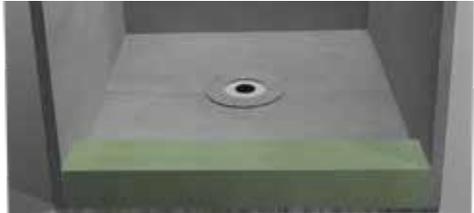



$A = 6" (15 \text{ cm})$ $B = 4.5" (11.5 \text{ cm})$
 $A_1 = 3" (7.5 \text{ cm})$

Curb Height = 4.5" (11.5 cm)

2

Full Curb with opening facing downward




$B = 4.5" (11.5 \text{ cm})$ $A = 6" (15 \text{ cm})$

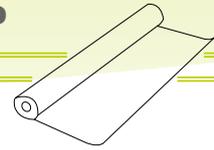
Curb Height = 3" (7.5 cm)

3

Half Curb with the side in EPS without FOILTEC Waterproof Membrane facing downward




$A_1 = 3" (7.5 \text{ cm})$ $B = 4.5" (11.5 \text{ cm})$



FOILTEC is a waterproof and vapor barrier membrane in laminated polyethylene designed for environments subjected to high humidity where tile or stone is installed.

FOILTEC 118.10 - 2008, the standard specification for load bearing, bonded, waterproof membranes for thin-set ceramic tile and dimension stone installation. Standard test methods for water vapour transmission results are shown in the table below.

MEMBRANE ROLL PHYSICAL AND MECHANICAL CHARACTERISTICS

CHARACTERISTICS	TEST	UNIT	VALUE
Watertightness	EN 1928	-	Pass
Tensile properties (MD / CMD)*1:			
- Tensile strength (MD / CMD)	EN 12311-2 (A)	N/50 mm	≥ 200/≥ 200
- Elongation (MD / CMD)	EN 12311-2 (A)	%	≥ 20/≥ 10
Root penetration resistance	-	-	PND
Static load resistance	EN 12730 (B)	kg	≥ 20
Impact resistance	EN 12691 (A)	mm	≥ 500
Pull out test	EN 1348	N/mm ²	0.4
Joint resistance:			
- Joint peel resistance	EN 12316-2	N/50 mm	PND
- Joint shear resistance	EN 12317-2	N/50 mm	≥ 230
Foldability at low temperatures	EN 495-5	°C	- 20
Exposure to UV rays	EN 1927	-	PND
Water vapor transmission	ASTM E96-13A	perms	0.405
	ASTM E96-15E	perms	0.033
Test: Ignitability	DIN 4102	-	B2
Water resistance - water column	EN 1928	bar/24h	1.5
*1Test Method: MD - Machine Direction / CMD - Cross Machine Direction.			

shower+tec - STBO WATERPROOF BOARD

STBO Showertec Board is a multilayer tile substrate for shower and bathtub surrounds, made of heat bonded polypropylene layers with fleece webbing on both sides.



STBO Showertec Board is a multilayer tile substrate for shower and bathtub surrounds, made of heat bonded polypropylene layers with fleece webbing on both sides.

The primary material used in its construction is polypropylene, a thermoplastic polymer that is commonly used in a wide range of applications due to its durability and resistance to heat and moisture.

In addition to the layers of polypropylene, Showertec Board also features fleece webbing on both sides. The surface fleece is a soft, non-woven fabric that ensures secure anchoring of the thin-set mortar. The surface of the board features printed gridlines spaced at 10 mm (3/8") to simplify installation and to save time.

Showertec Board is designed to withstand the harsh conditions of shower and bathtub environments, where moisture, vapor and heat are constantly present. It is completely waterproof and provides a rigid and dimensionally stable substrate for tile and other surface materials.

Certified to meet industry standards for quality and performance, the Showertec Board offers a reliable and durable construction solution.



Flame spread and
smoke developed
Class A



Thermal transmission
properties (R-value)
R 0,984 (hr x ft² x F°/BTU)



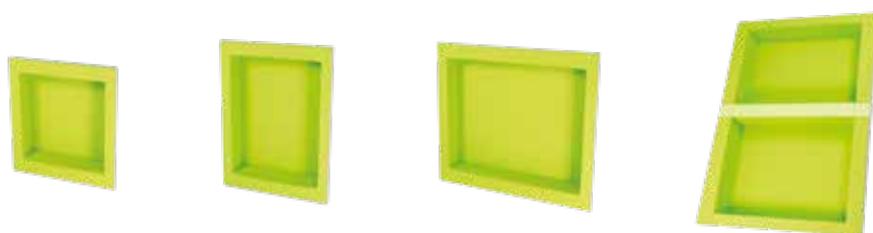
Water vapor permeance
0,0009 perms



Room corner test
Pass

shower+tec - STN NICHES

Showertec STN Niches are made from a single-cell XPS structure, strengthened with a rigid, waterproof, fiber-reinforced concrete grid. Designed for durability and reliability, they come preassembled for quick and effortless installation. Available in various dimensions to satisfy all customer needs.

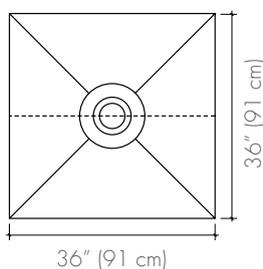


EN

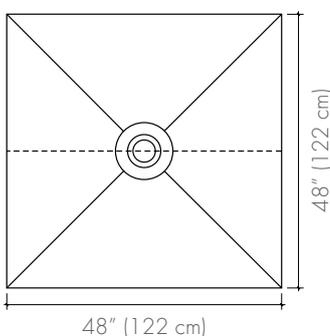
SHOWERTEC SHOWER TRAY - pre-sloped with pre-attached Foiltec waterproof membrane

ITEM	DESCRIPTION	B x A	
		in	cm
STC-TRAY91/91	Tray with central drain	36 x 36	91 x 91
STC-TRAY122/122	Tray with central drain	48 x 48	122 x 122
STC-TRAY81/152	Tray with central drain	32 x 60	81 x 152
STC-TRAY81/152D	Tray with off-center drain	32 x 60	81 x 152
STC-TRAY183/183	Tray with central drain	72 x 72	183 x 183
STC-TRAY122/152	Tray with central drain	48 x 60	122 x 152
STC-TRAY122/183	Tray with central drain	48 x 72	122 x 183

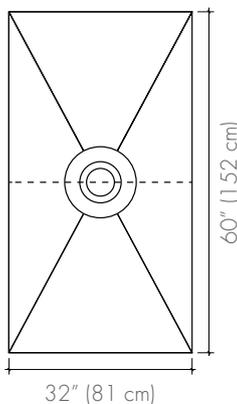
STC-TRAY91/91



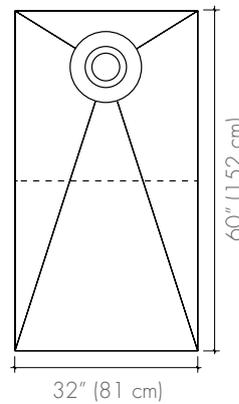
STC-TRAY122/122



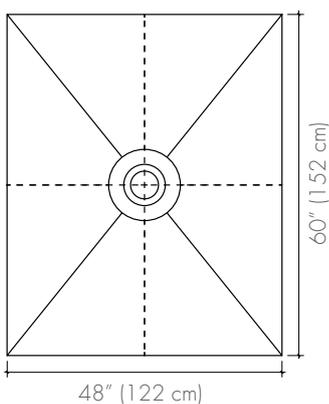
STC-TRAY81/152



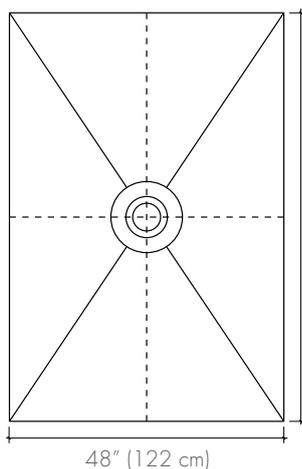
STC-TRAY81/152D



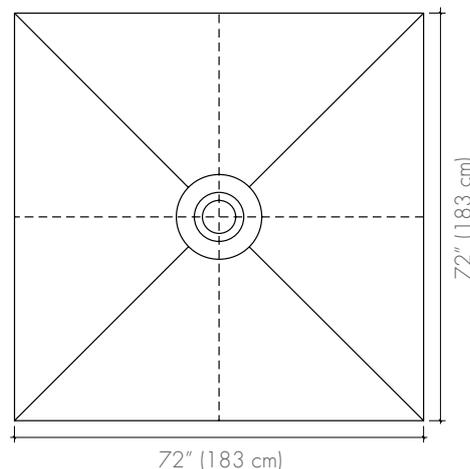
STC-TRAY122/152



STC-TRAY122/183



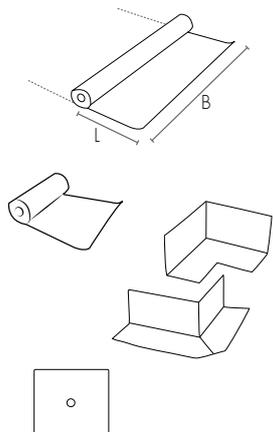
STC-TRAY183/183



SHOWERTEC SHOWER CURB - flexible height and pre-attached Foiltec waterproof membrane

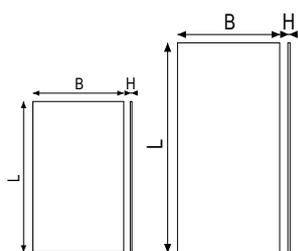
ITEM	L x B x H					
	L		B		H	
	in	cm	in	cm	in	cm
STC-CURB91	36	91	4.5	11.5	6	15
STC-CURB122	48	122	4.5	11.5	6	15



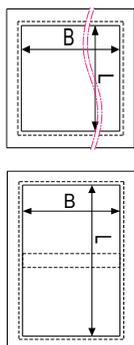


FOILTEC - waterproof membrane			
ITEM	DESCRIPTION	B x L	
		ft x ft	m x m
FOILTEC/05/5/G	Membrane roll	3'3" x 16'5"	1 x 5
FOILTEC/05/10/G	Membrane roll	3'3" x 33'	1 x 10
FOILTEC/05/G	Membrane roll	3'3" x 98'5"	1 x 30
FOILTEC/15/10	Sealing strip	6" x 33'	0.15 x 10
FOILTEC/15	Sealing strip	6" x 98'5"	0.15 x 30

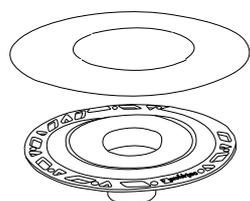
ITEM	DESCRIPTION	PCS/PKG
FOILTEC/I/G	Internal corner	2
FOILTEC/E/G	External corner	2
FOILTEC/T20/G	Pipe collar Ø 20mm - 3/4"	1



STBO SHOWERTEC BOARD - waterproof board for shower walls						
ITEM	L x B x H					
	L		B		H	
	in	cm	in	cm	in	cm
STBO91X152	60	152.4	36	121.9	1/2"	1.26
STBO122X244	96	243.8	48	121.9	1/2"	1.26



STN NICHES - Waterproof niches for shower walls			
ITEM	DESCRIPTION	B x L	
		in	cm
STN33X25	Fiber-reinforced cement	13 x 10	33 x 25.4
STN33X33	Fiber-reinforced cement	13 x 13	33 x 33
STN33X51	Fiber-reinforced cement	13 x 20	33 x 50.8
STN33X71W/S	Fiber-reinforced cement	13 x 28	33 x 71.1



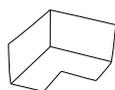
SHOWERTEC BONDING FLANGE KIT - 2" - 5 cm outlet				
ITEM	BONDING FLANGE MATERIAL	MEMBRANE RING MATERIAL	Ø	
			in	cm
STC-8FLK2ABS-V	ABS	Polyethylene	2	5
STC-8FLK2PVC-V	PVC	Polyethylene	2	5
STC-8FLK2IN-V	Stainless Steel	-	2	5

SHOWERTEC SQUARE DRAIN KIT - with 4" - 10 cm Grate		
ITEM	Flange Material	Grate Material
STC-SDKABS2V98IL	ABS	Polished Stainless Steel AISI 304
STC-SDKABS2V98IS	ABS	Brushed Stainless Steel AISI 304
STC-SDKPVC2V98IL	PVC	Polished Stainless Steel AISI 304
STC-SDKPVC2V98IS	PVC	Brushed Stainless Steel AISI 304
STC-SDKIN2V98IL	Stainless Steel	Polished Stainless Steel AISI 304
STC-SDKIN2V98IS	Stainless Steel	Brushed Stainless Steel AISI 304

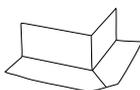
SHOWERTEC SQUARE DRAIN KIT - without Grate	
ITEM	Flange Material
STC-SDKABS2V98	ABS
STC-SDKPVC2V98	PVC
STC-SDKIN2V98	Stainless Steel

Showertec Square Drain kit consist of:

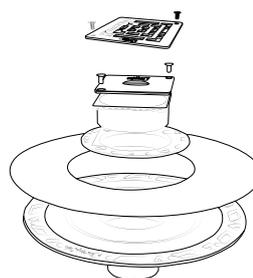
FOILTEC Internal Corners
(x 4)



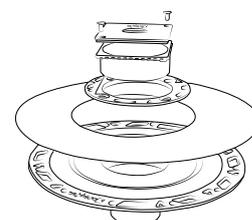
FOILTEC External Corners
(x 2)



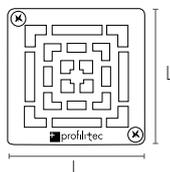
Square Drain
with Grate



Square Drain
without Grate



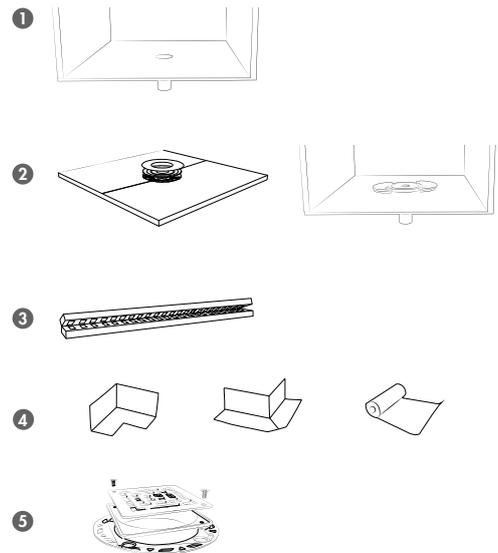
SHOWERTEC GRATE - 4" - 10 cm Grate			
ITEM	Grate Material	L x L	
		in	cm
STC-SG98A54	Matt Black Aluminum	4	10
STC-SG98AGRS	Brushed Graphite Aluminum	4	10
STC-SG98AMSB	Brushed Antique Bronze Aluminum	4	10
STC-SG98ASSB	Brushed Bright Polished Silver Aluminum	4	10
STC-SG98ATSB	Brushed Bright Polished Titanium	4	10
STC-SG98ABSB	Brushed Bright Polished Champagne Aluminum	4	10
STC-SG98IL	Polished Stainless Steel AISI 304	4	10
STC-SG98IS	Brushed Stainless Steel AISI 304	4	10



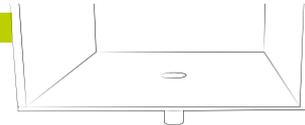
INDUSTRIAL PACKAGING GRATE SUPPORTS		
ITEM	Material	PCS/PKG
STC-8SD98ABS	ABS	8

Index:

- 1 Wall and ceiling waterproofing
- 2 Showertec Shower Tray and Bonding Flange Kit
 - Option 1 (drain pipe not directly connected)
 - Option 2 (direct drain pipe connection)
- 3 Showertec Shower Curb
- 4 FOILTEC Corners and Sealing Strip
- 5 Showertec Grate with support



1 WALL AND CEILING WATERPROOFING



Please note: when constructing a steam room, it is necessary to waterproof the walls and ceiling with Profilitec **FOILTEC WATER-STOP Membrane** before proceeding with the shower tray assembly. In order to guarantee waterproofing: overlap the membrane sheets by 2" (50 mm), or place the membrane sheets side by side and seal them by placing a FOILTEC joint sealing strip along the center of the joint.

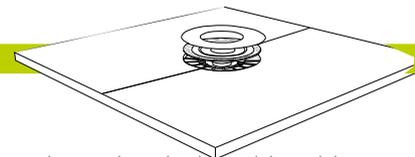


1. Thoroughly clean the walls to be waterproofed, ensuring they are leveled, load bearing and free of debris. Should the wall and ceiling surfaces be particularly dry or porous, dampen the area to prevent the adhesive from peeling off or drying prematurely.



2. Embed **Bonding FOILTEC Membrane** into thin-set mortar using 3/16" x 1/4" (5 mm x 6 mm) V-notched trowel to ensure full membrane contact and remove any excess air bubbles or mortar.

2 SHOWERTEC SHOWER TRAY WITH SHOWERTEC BONDING FLANGE KIT

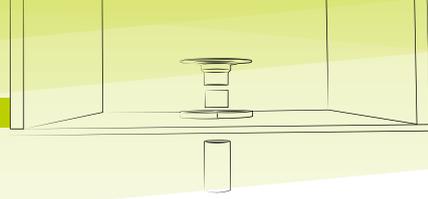


The system is easy to install. Before installation, ensure that the substrate is clean, leveled and load bearing. Subsequent to creating an opening in the substrate that is no larger than 5 - 1/4" (13.5 cm) in diameter, the Drain may be installed according to 2 options based on whether the **bonding Flange** can be connected directly to the waste pipe. Therefore, verify the accessibility of the waste pipe prior to installation.

Place the **Shower Tray** on the substrate and insert the **bonding Flange**. If the **bonding Flange** does not directly connect to the existing plumbing drain pipe, connect the **bonding Flange** with an extension pipe and follow the instructions for "Option 1".

If the existing drain pipe connects directly to the **bonding Flange**, follow the instructions for "Option 2".

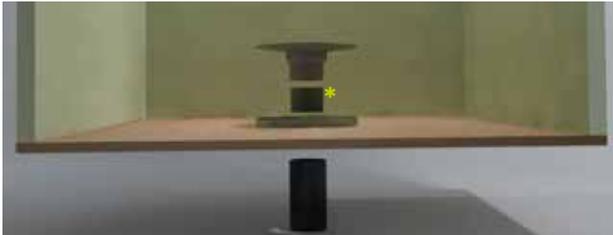
2 OPTION 1 "drain installed separately"



1. Cut a hole in the substrate and separate the 2 precut semicircles (fig. 1a) found in the central opening of the EPS Shower Tray.



2. Place the 2 semicircles (fig. 1a) dry (without mortar) around the opening on the substrate.



3. Connect and attach the **bonding Flange** to the existing drain pipe, according to code requirements. Use ABS cement on the ABS Flange and PVC cement on the PVC pipe. Use an extension pipe if necessary (*not included in the kit). Use a no-hub coupling with stainless steel Flange.



4. Once the **bonding Flange** has been connected, remove the 2 EPS semicircles and apply thin-set mortar to the substrate.



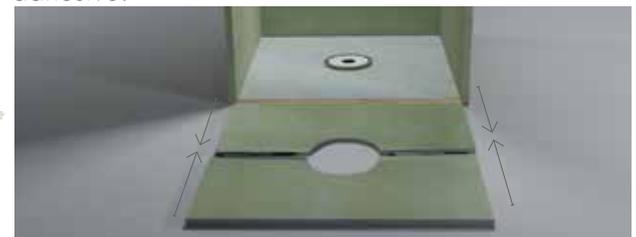
5. Place thin-set to both sides of the EPS semicircles (fig. 5a).



6. Slide the EPS semicircles under **bonding Flange** and attach all pieces together. Remove any excess adhesive.



7. Lay thin-set where the EPS Shower Tray will be installed, using 1/4" x 3/8" (6 mm x 10 mm) square-notched trowel (fig. 7a).



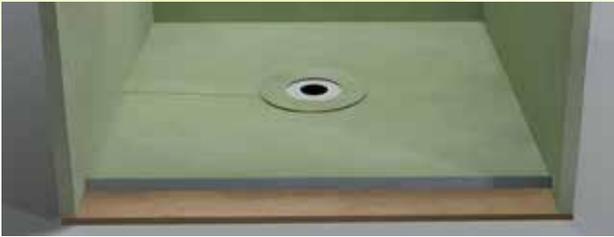
8. Assemble the Shower Tray before installation.



9. Position the **Showertec Shower Tray**, ensuring the thin-set has adhered to the entire surface of the tray.



10. Adhere the overlapping **FOILTEC Membrane**, using thin-set mortar, along the Shower Tray joints.

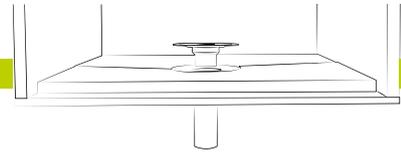


11. Apply thin-set on the **bonding Flange** and **Tray**, then install the **FOILTEC Membrane Ring** using a $3/16'' \times 1/4''$ (5 mm x 6 mm) or $1/8'' \times 3/16''$ (3 mm x 5 mm) "V" notched trowel (fig. 11a). Stainless Steel **bonding Flange**: clean



11a

and degrease the steel **bonding Flange** with a solvent and bond the FOILTEC Membrane Ring with FIXXTEC sealant to the top of the **bonding Flange**. When it has adhered, install the complete **bonding Flange** on the tray using a thin-set adhesive.



2 OPTION 2 "drain and tray installed simultaneously"



1. Cut a hole in a substrate.



2a



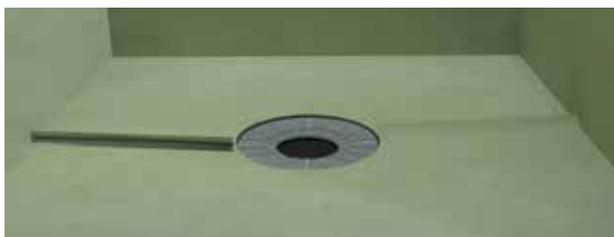
2. Apply thin-set mortar to substrate using $1/4'' \times 3/8''$ (6 mm x 10 mm) square-notched trowel (fig. 2a).



3. Join the **Shower Tray** before installing it on the mortar.



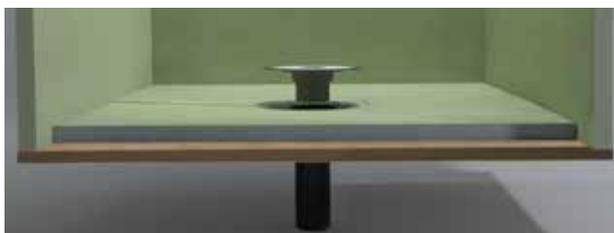
4. Position the **Shower Tray**, ensuring the thin-set has adhered to the entire surface of the **Tray**.



5. Adhere the overlapping **FOILTEC Membrane** along the **Shower Tray** joints, using thin-set mortar.



6. Apply thin-set to the **Shower Tray** opening.



7. Connect and attach the **bonding Flange** to the existing drain pipe, according to code requirements. Use ABS cement on the ABS **bonding Flange** and PVC cement on the PVC pipe. Use an extension pipe if necessary (*not included in the kit). Use a no-hub coupling with stainless steel **bonding Flange**.

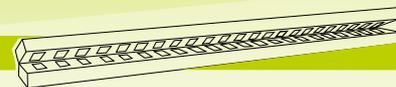


8a



8. Apply thin-set on the **bonding Flange** and **Tray**, then install the **FOILTEC Membrane Ring** using a $3/16'' \times 1/4''$ (5 mm x 6 mm) or $1/8'' \times 3/16''$ (3 mm x 5 mm) "V" notched trowel (fig. 8a). Stainless Steel **bonding Flange**: clean and degrease the steel **bonding Flange** with a solvent and bond the FOILTEC Membrane Ring with FIXXTEC sealant to the top of the **bonding Flange**. When it has adhered, install the complete **bonding Flange** on the tray using a modified adhesive.

3 SHOWERTEC SHOWER CURB

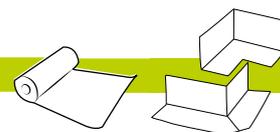


1. Apply thin-set mortar on the substrate, edge of the **Showr Tray** and walls using a 1/4" x 3/8" (6 mm x 10 mm) square-notched trowel (fig. 1a).



2. Place the **Curb** on the thin-set mortar and press downward to adhere the mortar to the curb's full surface.

4 FOILTEC CORNERS AND SEALING STRIP



Proceed making the waterproofing connections between the tray, wall and curb.



1. Apply thinset to all internal corners.



2. Place the **FOILTEC** preformed internal corner joints, using a trowel to adhere all surfaces and work out any air pockets.



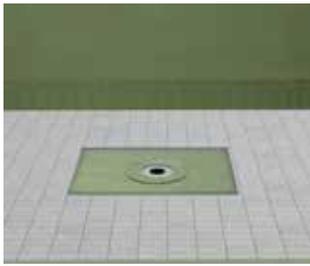
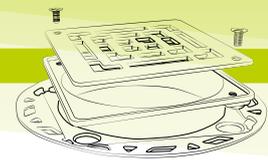
3. Install the **FOILTEC** preformed external corner joints between the curb and the walls on the interior of the shower.



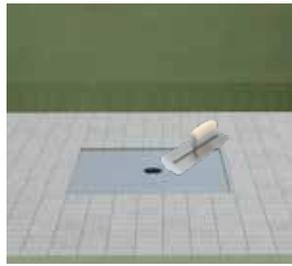
4. Seal the tray to the walls and curb using a **FOILTEC** joint sealing strip. Cut the strip to the necessary length, counting the 2" overlaps at the joints. Apply thinset to the area where the sealing strip will be placed.



5. Position the **FOILTEC Sealing Strip**, previously folded in half to simplify installation. Apply the **Sealing Strip** using a trowel to adhere all surfaces and work out any air bubbles.

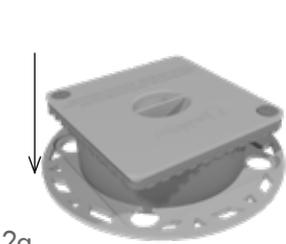


Before



After

1. Apply thin-set mortar around the **bonding Flange** opening.



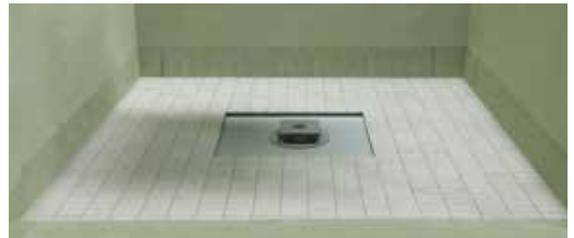
2a.



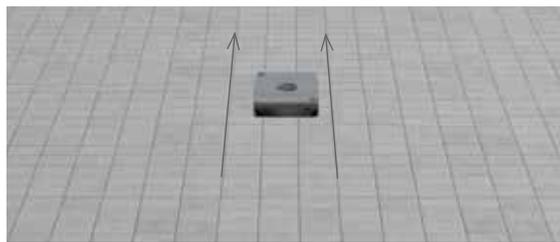
2b.

2a. Slide the ring around the **Grate Support**
2b. downwards.

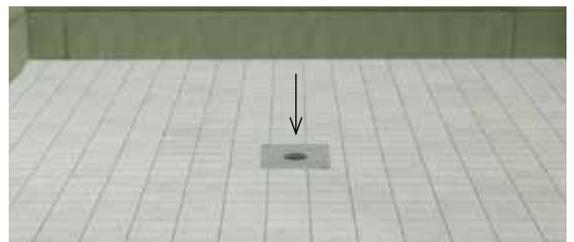
Apply thin-set mortar to the underside of the **Grate Support**.



3. Place the **Grate Support** piece on the **bonding Flange**, pressing down so that the ring sets into the thin-set mortar without it sliding.



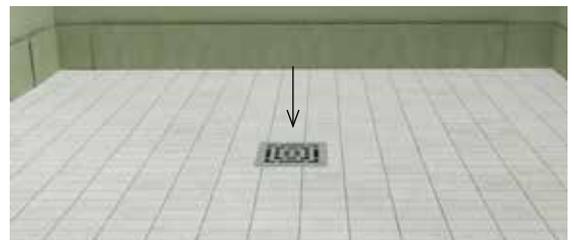
4. Install the flooring around the **Grate Support**. Align the support piece laterally, following the tile joints.



5. Press the support piece vertically downwards, until the **Construction Plug** is leveled with the finished floor covering. Remove any excess adhesive.



6. Remove the **Construction Plug** by unscrewing the fasteners, after grouting.



7. Attach the **Square Grate** with the included fasteners.

PLEASE NOTE: some modified thin-set mortars (ANSI A118.4 and .11) can have prolonged and/or unpredictable curing times when applied between impervious materials such as waterproofing membranes and low-absorption tile. Please consult with your thin-set manufacturer for their recommendation as to which thin-set to use for your specific application.