

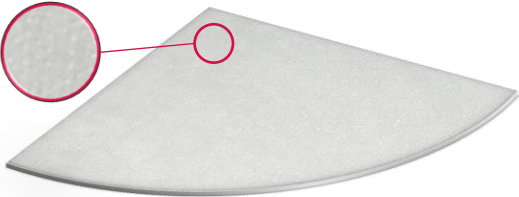
Installation Instructions
Boundless™ Series | PT100-520

1/4" Support Plate with Bonding Fleece
for 18" Granite and Marble Seats (2-3cm)

Instructions also apply to	
Product Description	Model Number
Pre-sloped Anchor Flange	PT100-519
(sold separately)	

T	Individual Carton	Anchor
		PermaTile™ Rough-In
Tile Thickness Range 1/4" – 1/2" (6mm – 13mm)		Tile Substrates Surface Mount to Substrate

STEP 1 – Understanding 1/4" Support Plate



The 1/4" aluminum support plate has a non-woven fleece on 1 side for bonding 2cm or 3cm stone seats with thinset.

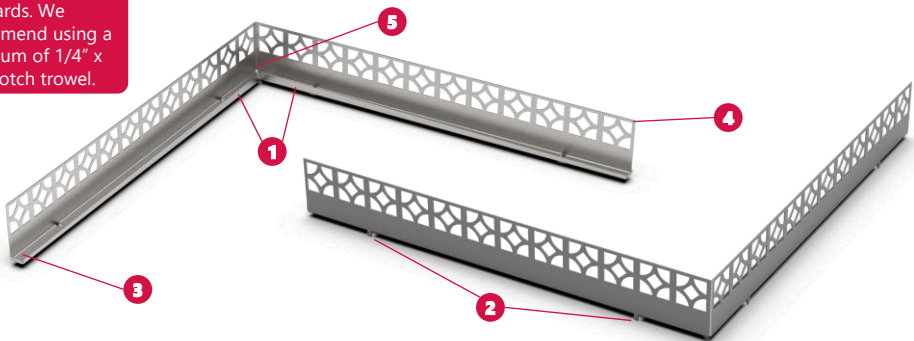
WARNING

Use only latex modified mortars that meet ANSI A118.4 or A118.15 standards. We recommend using a minimum of 1/4" x 3/8" notch trowel.

STEP 2 – Understanding Pre-sloped Anchor Flange

Technical Fact

This is a water management device that accommodates out-of-square spaces.



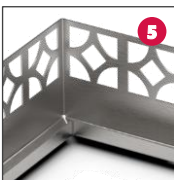
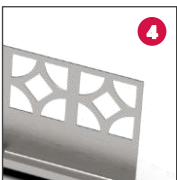
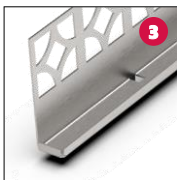
Pre-sloped for water management

Indexing tabs for proper positioning

Gutter for thinset density

Perforated leg for thinset attachment

Expandable for out-of-square construction



STEP 3 – Mark Anchor Flange Position

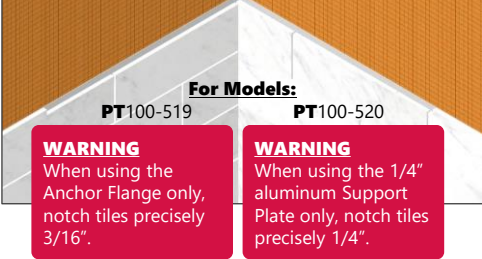
Dry fit top row of tiles. Press Anchor Flange into substrate and mark each end.

WARNING

Measure from the tileboard to each mark, both dimensions should be at least 17-11/16" or greater, depending on desired grout spacing.

STEP 4 – Notch Top Row To Incise Anchor

Notch tiles precisely 7/16" to accommodate for the Anchor Flange and 1/4" aluminum Support Plate.
SEE ALSO 7B



For Models:

PT100-519

PT100-520

WARNING

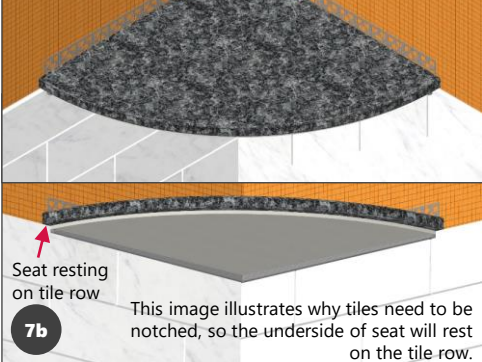
When using the Anchor Flange only, notch tiles precisely 3/16".

WARNING

When using the 1/4" aluminum Support Plate only, notch tiles precisely 1/4".

STEP 7 – Test Seat For Out-Of-Squareness

Anchor Flange will expand or collapse to adjust for out-of-square conditions 3/16" in 18". Follow Out-Of-Square Wall Guidelines.

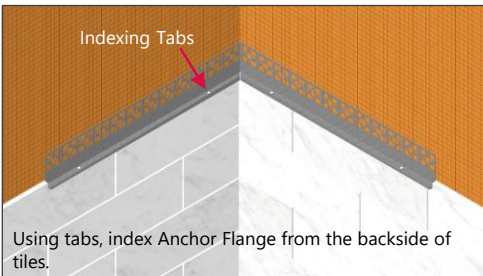


7a

7b

This image illustrates why tiles need to be notched, so the underside of seat will rest on the tile row.

STEP 5 – Test Anchor Flange After Notching



Using tabs, index Anchor Flange from the backside of tiles.

STEP 8 – Apply Thinset



WARNING

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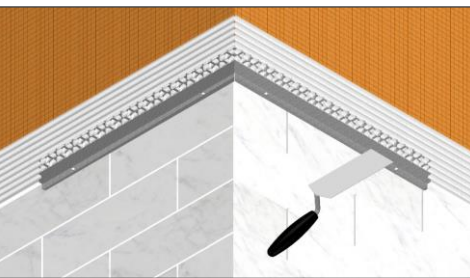
STEP 6 – Dry Fit 1/4" Support Plate

Optionally, 1/4" Support Plate can be cut using an angle grinder with a 36-Grit mop disc.



1/4" Support Plate w/ Bonding Fleece

STEP 9 – Press Anchor Flange Into Thinset



STEP 10 – Filling The Gutter With Thinset



10a

Overfill gutter with thinset so cavity is full when seat is pressed into Anchor Flange. Rack off excess on top & bottom (thinset is designed to create density in the gutter cavity).



10b

To Install
Seat with Support Plate
See Reverse Side

OUT-OF-SQUARE WALL GUIDELINES

Seat Gap in Front Corners	Tile Thickness Range
NONE to 1/8"	1/4" to 1/2"
3/16"	5/16" to 1/2"
1/4"	3/8" to 1/2"
5/16"	7/16" to 1/2"
3/8"	1/2" Only

Installation Instructions

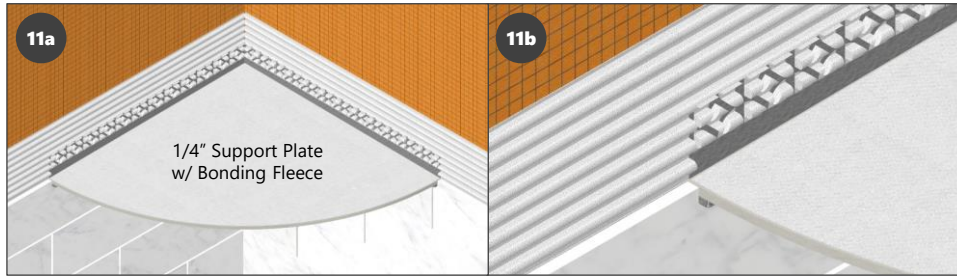
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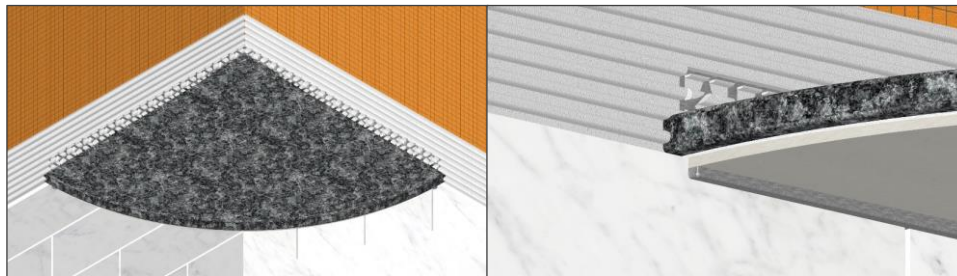
STEP 11 – Press 1/4" Support Plate Into Gutter Filled With Thinset



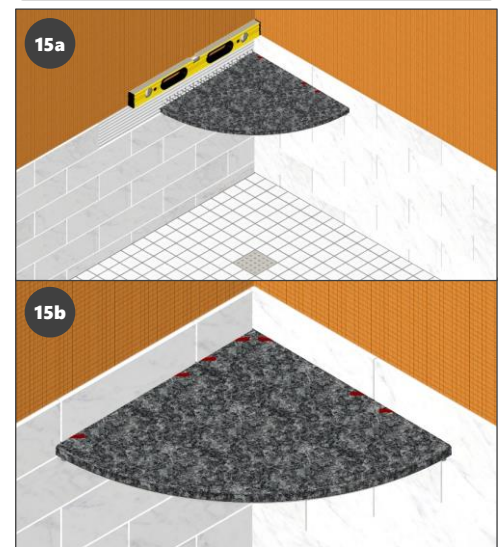
STEP 12 – Apply Thinset To Support Plate



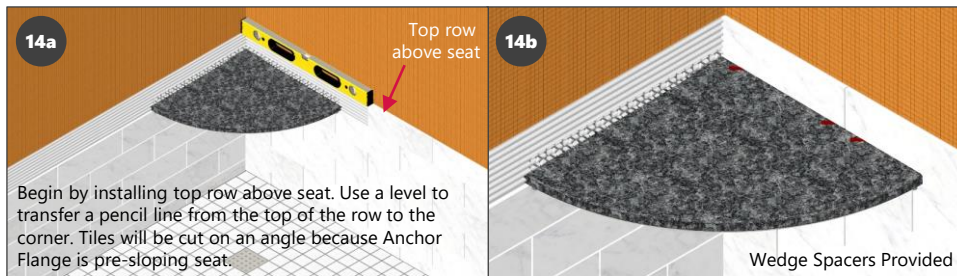
STEP 13 – Press Seat Onto 1/4" Support Plate Applied With Thinset



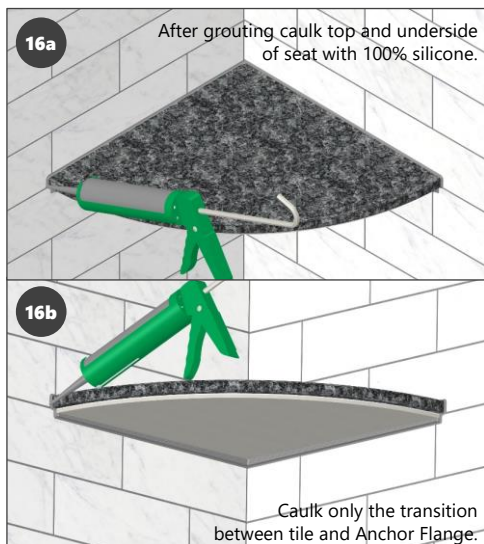
STEP 15 – Tile Over Left Side of Seat



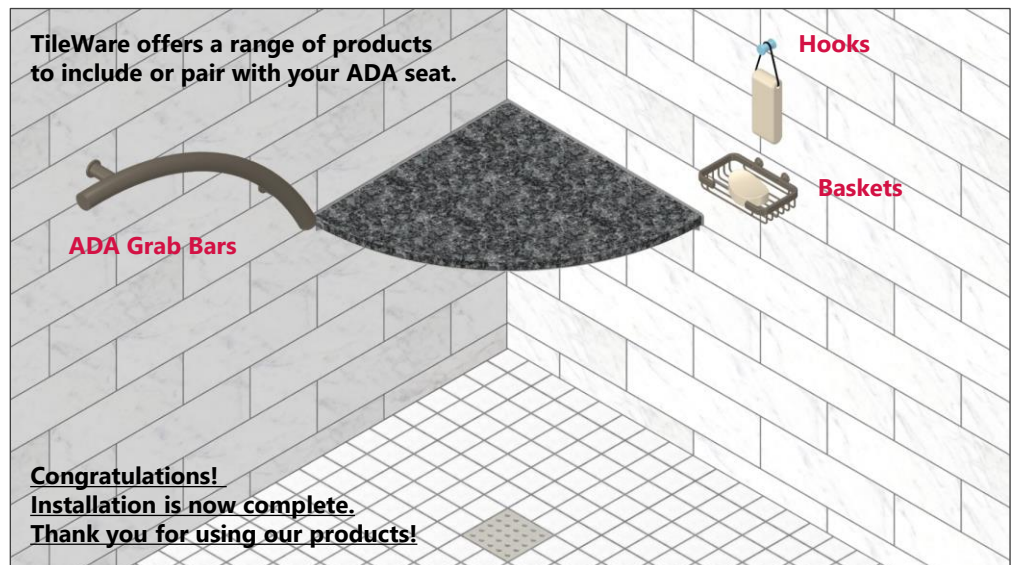
STEP 14 – Tile Over Right Side Of Seat



STEP 16 – Caulk With 100% Silicone



STEP 17 – Installation Complete



We would like to invite you to leave an unbiased review or feedback and share your experience with others.



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Instagram: https://www.instagram.com/tileware_products/

**To Install
Pre-sloped Anchor Flange
See Reverse Side**

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