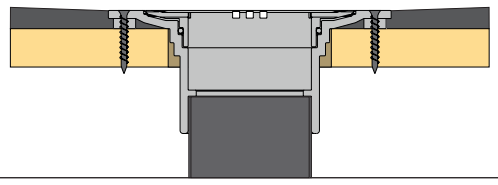
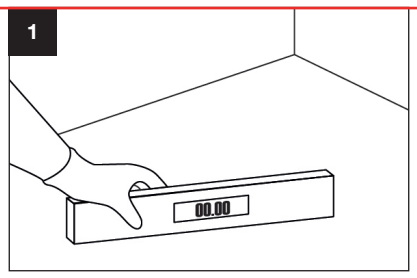
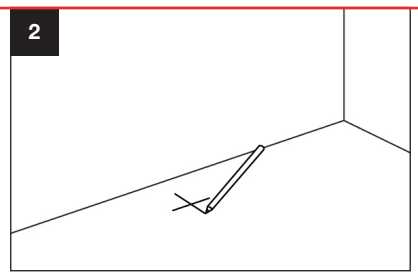
1st STEP

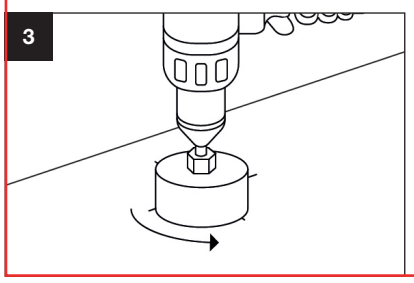
CHOOSE YOUR MUD BED HEIGHT INSTALLATION

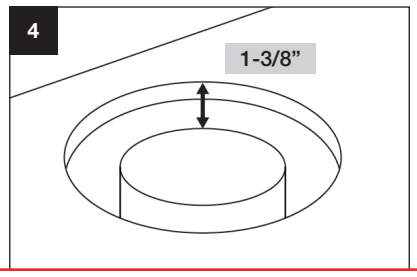
MUD BED HEIGHT: 3/8”

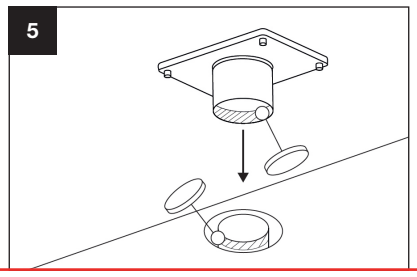


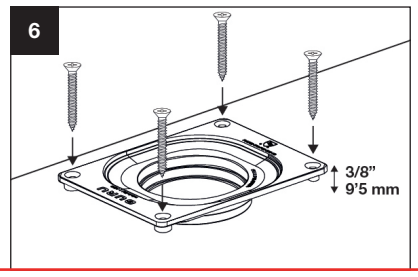






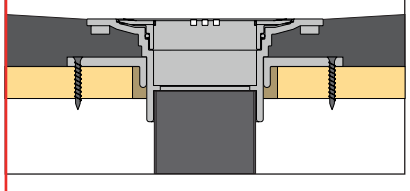


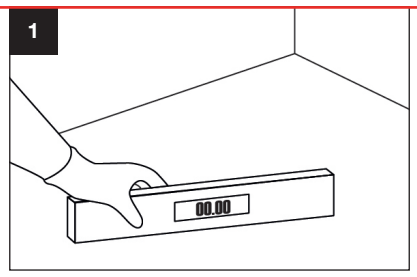


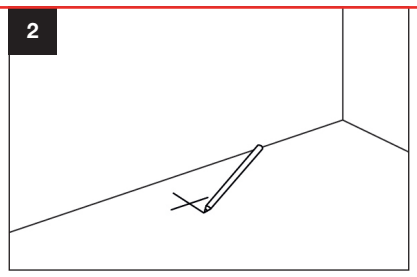


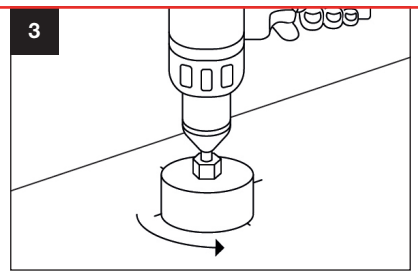
1. Verify shower conditions are in accordance with local codes.
2. Mark the drain position.
3. Cut a **4”** (102 mm) hole.
4. Verify the drainpipe is at least at 1-3/8” (33 mm) of the substrate surface.
5. Glue the drain body to the 2” pipe pressing it – use ABS cement glue when installing in ABS or PVC cement glue when installing in PVC.
6. Screw the drainbody to the substrate and check the height **3/8”**.
In concrete installations set the drain levelled with thinset.

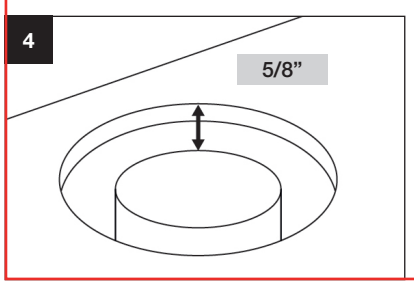
MUD BED HEIGHT: 1”

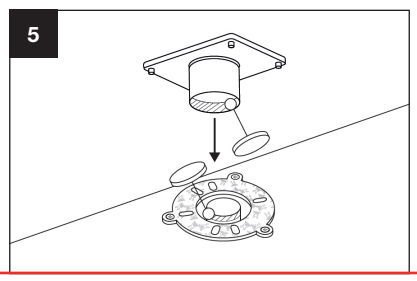


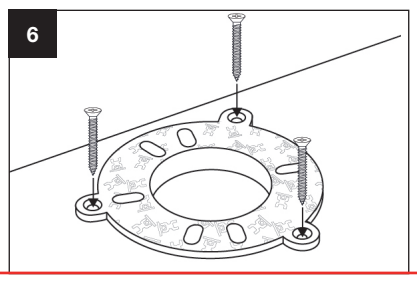


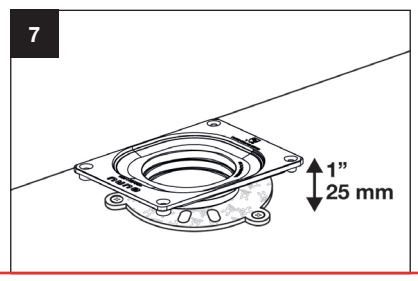






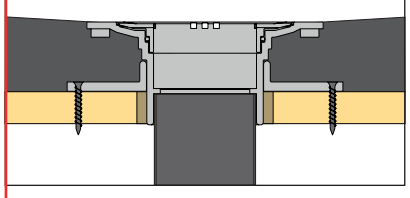


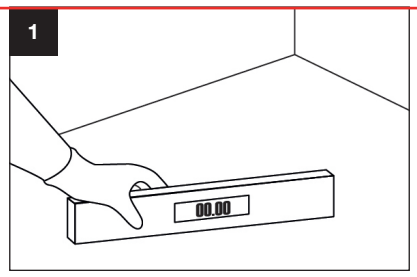


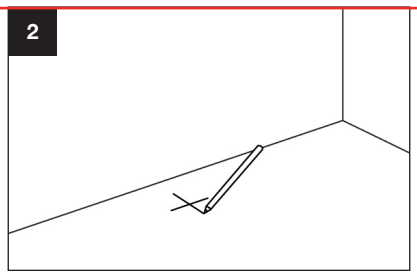


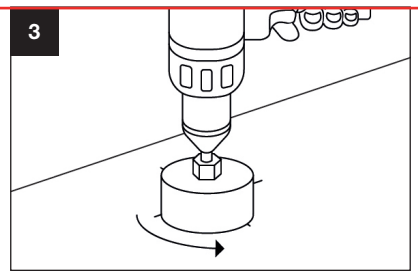
1. Verify shower conditions are in accordance with local codes.
2. Mark the drain position.
3. Cut a **4”** (102 mm) hole.
4. Verify the drainpipe is at least at 5/8” (16 mm) of the substrate surface.
5. Glue the drain body to the 2” pipe pressing it – use ABS cement glue when installing in ABS or PVC cement glue when installing in PVC.
6. Screw the universal adapter to the substrate. ***In concrete installations set with thinset.***
7. Glue the drainbody and the universal adapter with the same glueand check the height **1”**.

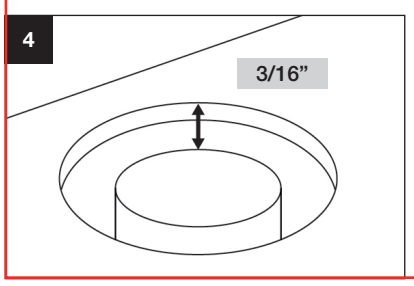
MUD BED HEIGHT: 1 ½”

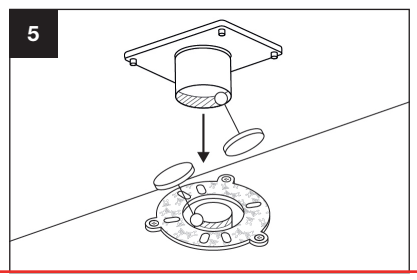


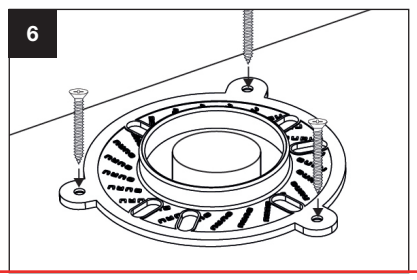


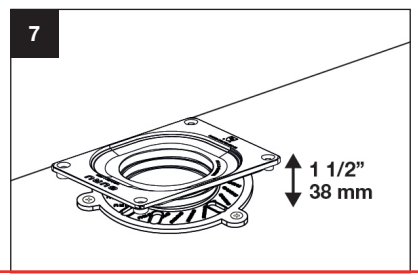






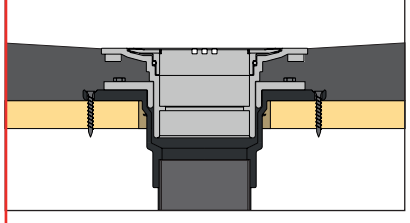


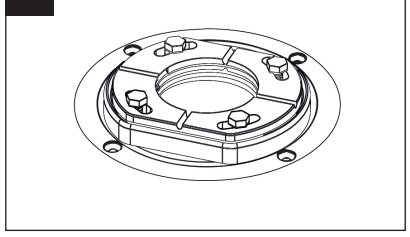


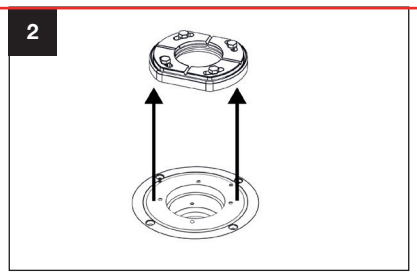


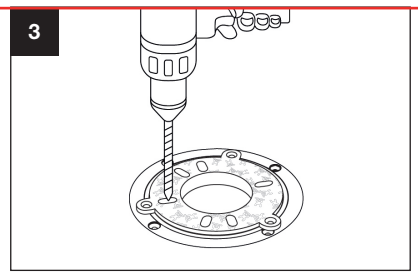
1. Verify shower conditions are in accordance with local codes.
2. Mark the drain position.
3. Cut a **4”** (102 mm) hole.
4. Verify the drainpipe is at least at 3/16” (5 mm) of the substrate surface.
5. Glue the drain body to the 2” pipe pressing it – use ABS cement glue when installing in ABS or PVC cement glue when installing in PVC.
6. Screw the universal adapter to the substrate. ***In concrete installations set with thinset.***
7. Glue the drainbody and the universal adapter with the same glue and check the height **1-1/2”**.

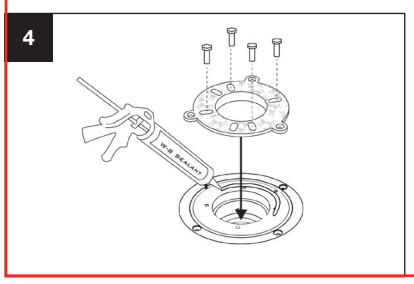
RENOVATION HEIGHT: 1 ¼”

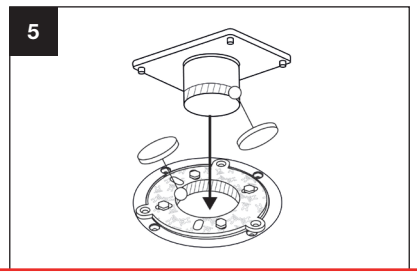


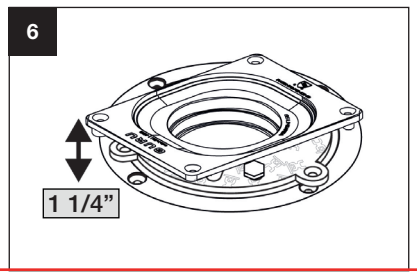


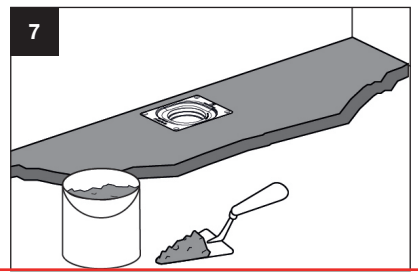






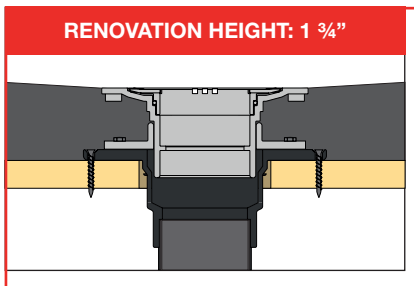


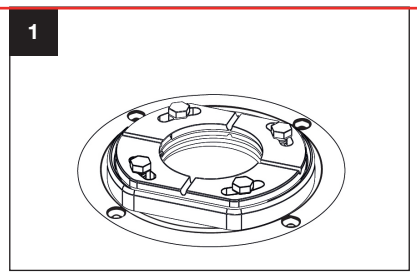


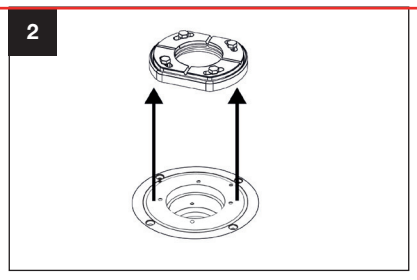


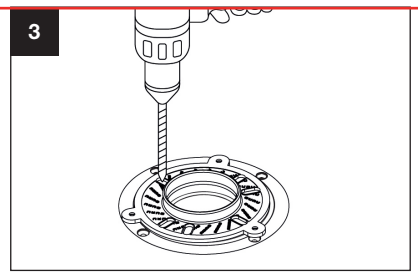
1. Clear the drain area at least an area of **5-1/2” x 4-1/3”** (140 mm x 109 mm).
2. Remove the existing bolts and clamping ring system.
3. Drill the screw holes according to the old drainbody screw pattern.
4. Apply thick bead of W-S Sealant between the universal adapter and the old drain body and screw the adapter facing down.
5. Glue the drainbody to the universal adapter– use ABS cement glue when installing in ABS or PVC cement glue when installing in PVC.
6. Make sure the mud bed level height is **1-1/4**”.
7. Pour mud bed in the area according to the existing slopes.

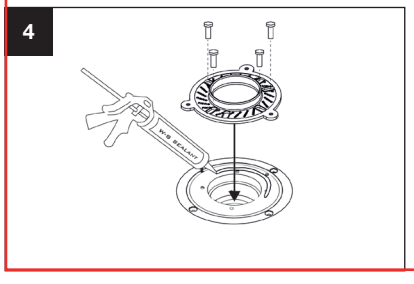
RENOVATION HEIGHT: 1 ¾”

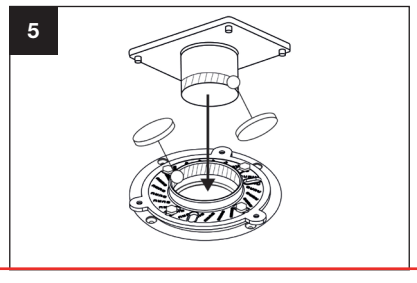


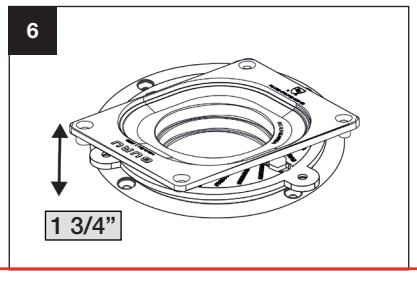


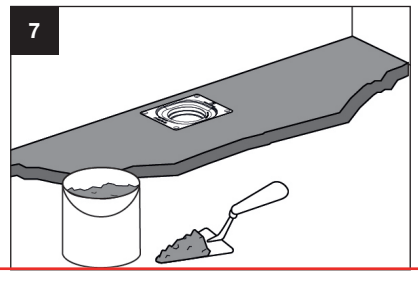










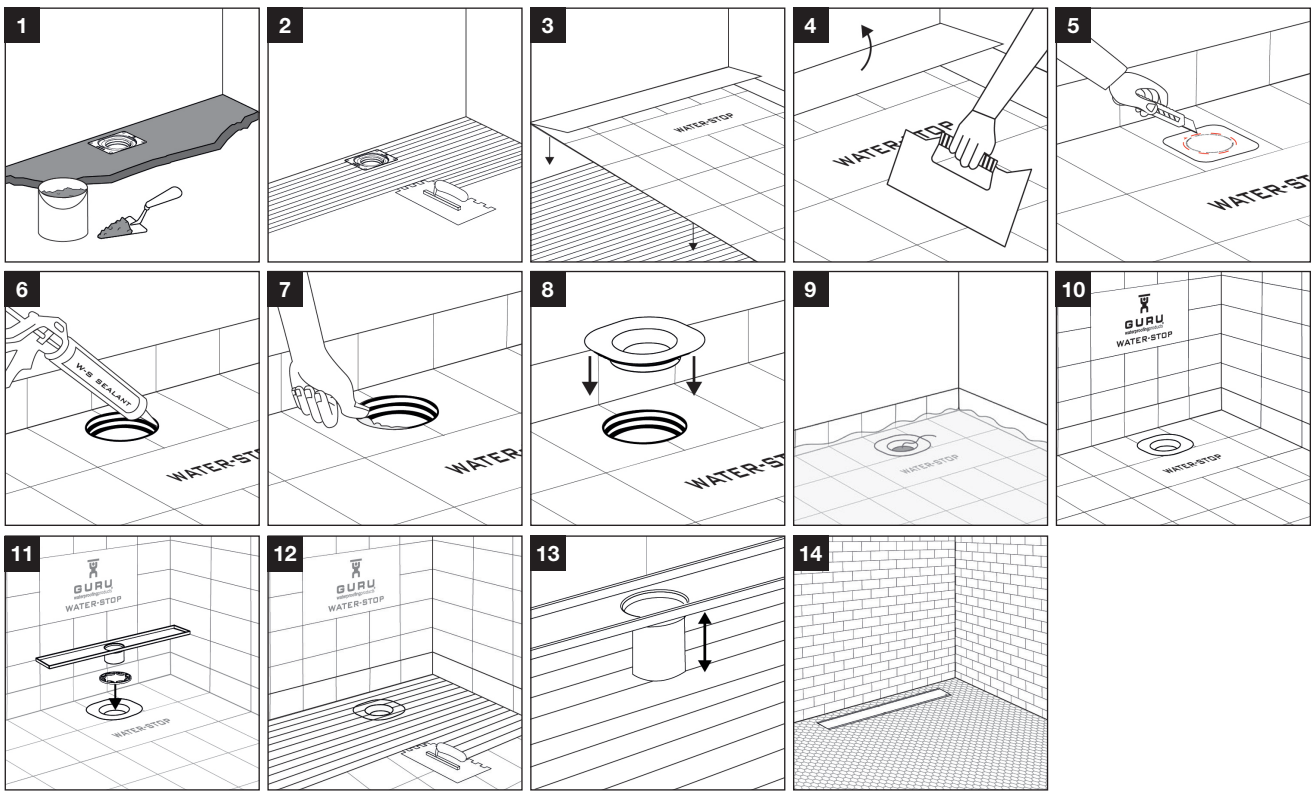


1. Clear the drain area at least an area of **5-1/2” x 4-1/3”** (140 mm x 109 mm).
2. Remove the existing bolts and clamping ring system.
3. Drill the screw holes according to the old drainbody screw pattern.
4. Apply thick bead of W-S Sealant between the universal adapter and the old drain body and screw the adapter facing up.
5. Glue the drainbody to the universal adapter–use ABS cement glue when installing in ABS or PVC cement glue when installing in PVC.
6. Make sure the mud bed level height is **1-3/4”**.
7. Pour mud bed in the area according to the existing slopes.

2nd STEP

CONTINUE WITH GENERAL INSTALLATION IN MUD BED

GENERAL INSTALLATION IN MUD BED



1. Pour the mud in the shower area sloping it towards the drain location based on the shower design. Slopes must be of at least 2% gradient (1/4" per foot) based on TCNA handbook.

2. Once the mortar is hardened apply thin set (tile adhesive) with a 1/8"x 1/8" notched trowel from the shower perimeter to the drain. ***RECOMMENDED THINSET ANSI A118.4, ANSI A118.11 and ANSI A118.15.***

3. Install the WATER-STOP waterproofing sheet and press it.

4. Push the air bellow the sheet out to ensure total adhesion 1/8" x 1/8" trowel.

5. Use the provided template to cut a hole in the WATER-STOP sheet.

6. Lift the edge of the WATER-STOP sheet, insert the cannula of the W-S Sealant 1/2" and apply a continuous bead bellow the sheet.

7. Press by hand to distribute the W-S Sealant and clean the excess material on the edge.

8. Place the bonding flange in top of the drainbody and press until it is flush.

9. Flood test according to local code. If W-S Sealant has been used to install the corners, the test can be performed after 1 hour.

10. Waterproof the walls either with WATER-STOP sheet or W-S Board.

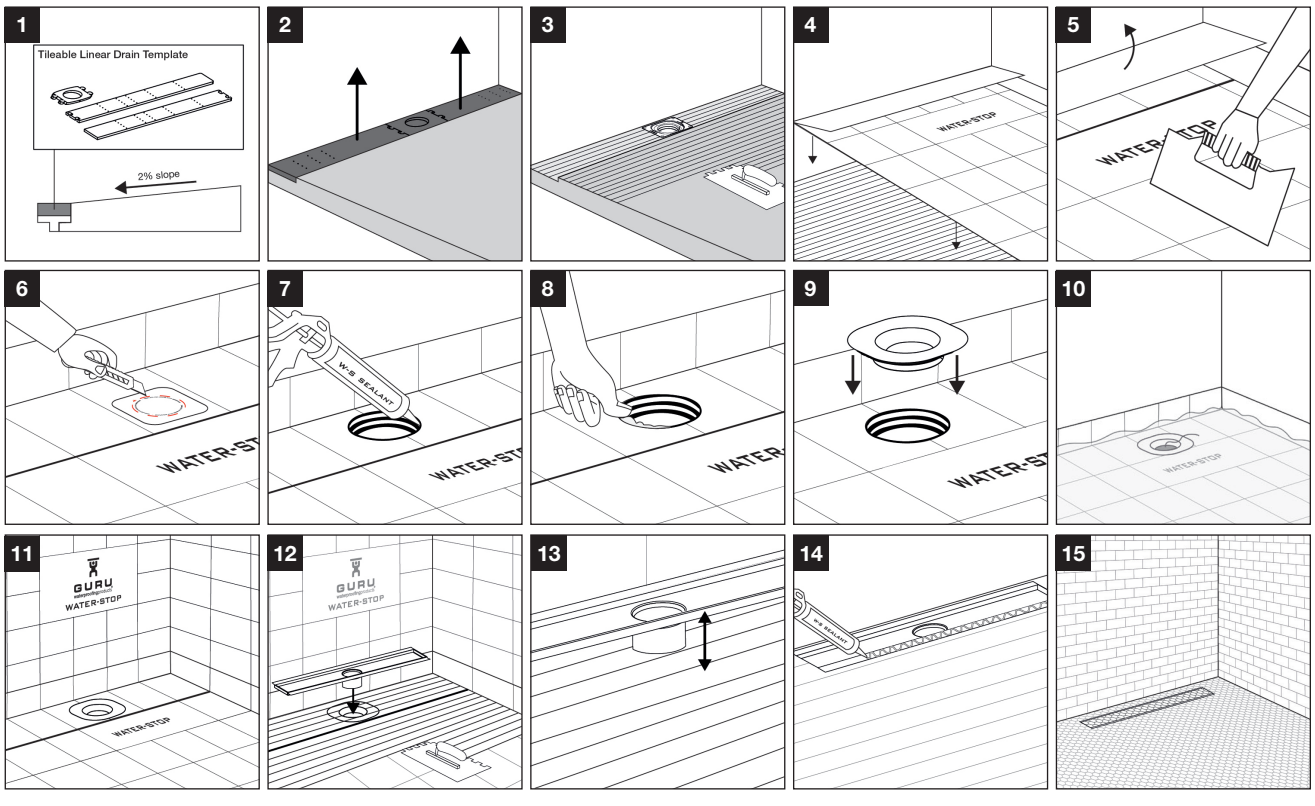
11. Place the height support ring.

12. Tile on top of the WATER-STOP sheet using the tile required notched trowel.

13. Adjust the height of the drain depending on the tile thickness.

14. Once tiled and grouted add the hair trap and drain strainer.

GENERAL INSTALLATION IN MUD BED - INTEGRA (TILEABLE MODEL)



1. Pour the mud in the shower area sloping it towards the drain location based on the shower design. Slopes must be of at least 2% gradient (1/4" per foot) based on TCNA handbook.

2. Add the templates and pour extra layer of mudbed to create a recess where the drain will be placed, it will let the drain be flushed with the mortar and receive the tiling on top.

3. Once the mortar is hardened apply thin set (tile adhesive) with a 1/8"x 1/8" notched trowel from the shower perimeter to the drain. ***RECOMMENDED THINSET ANSI A118.4, ANSI A118.11 and ANSI A118.15.***

4. Install the WATER-STOP waterproofing sheet and press it.

5. Push the air bellow the sheet out to ensure total adhesion.

6. Use the provided template to cut a hole in the WATER-STOP sheet.

7. Lift the edge of the WATER-STOP sheet, insert the cannula of the W-S Sealant 1/2" and apply a continuous bead bellow the sheet.

8. Press by hand to distribute the W-S Sealant and clean the excess material on the edge.

9. Place the bonding flange in top of the drainbody and press until it is flush.

10. Flood test according to local code. If W-S Sealant has been used to install the corners, the test can be performed after 1 hour.

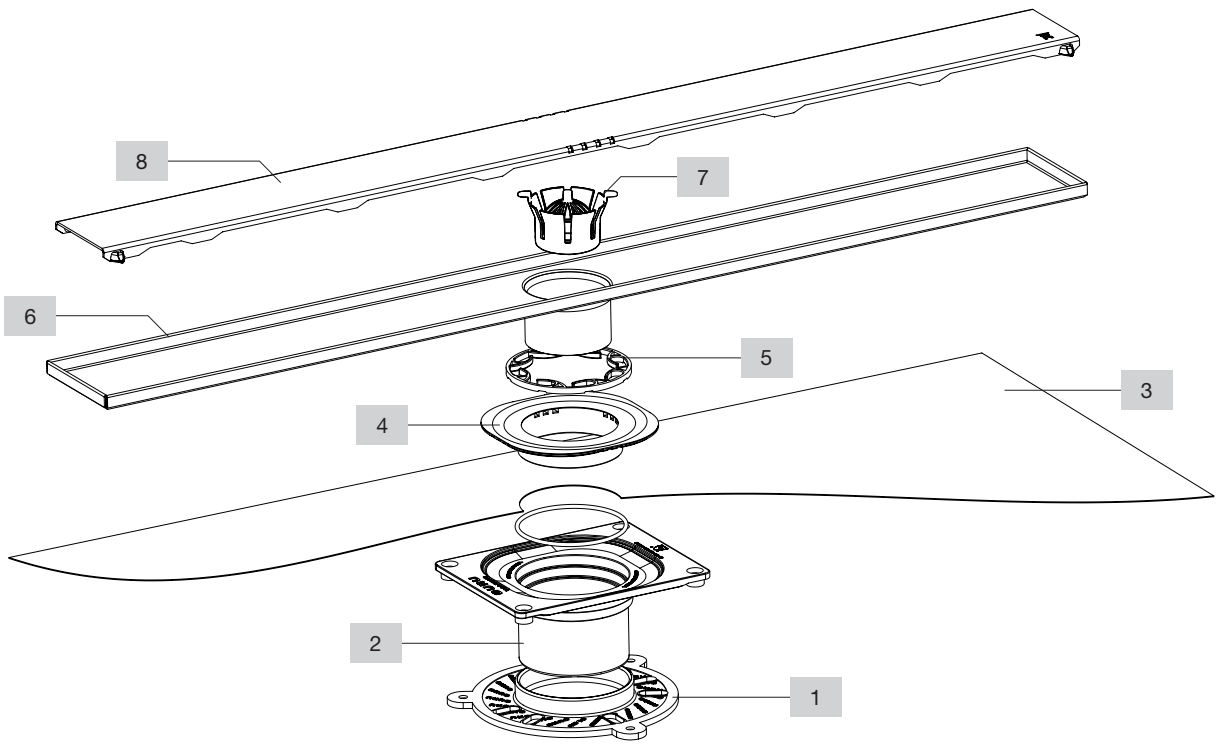
11. Waterproof the walls either with WATER-STOP sheet or W-S Board.

12. Tile on top of the WATER-STOP sheet using the tile required notched trowel.

13. Adjust the height of the drain depending on the tile thickness.

14. Apply a continuous bead on the shower channel flanges.

15. Once tiled and grouted add the hair trap and drain strainer.



Piece	Description	Material
1	Universal adapter	ABS / PVC
2	Drain flange	ABS / PVC
3	Water-Stop Membrane	EVAC
4	Bonding flange	ABS / PVC
5	Height support	ABS / PVC
6	Drain	AISI 316
7	Hair-strainer	ABS
8	Strainer	AISI 316

AVIS TECHNIQUE WATER-STOP SEPI WATER-STOP SPEC

Made in EU

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