



## Wondercap Tile Shower Drain Outlet with Round & Square Chrome Brass Strainers

Our Wondercap product is easy to install and, with our new range of chrome brass and brushed nickel strainers, will deliver that professional finish to your bathroom.

### 4 INCH CHROME BRASS STRAINER

Simple turn-lock mechanism

### WONDERCAP 4 INCH CAP

Stop screed and debris from entering the draining system

### WONDERCAP 4 INCH X 3 INCH BASE

Angle and adjust to the required screed height

### WONDERCAP 3 INCH INNER FLANGE

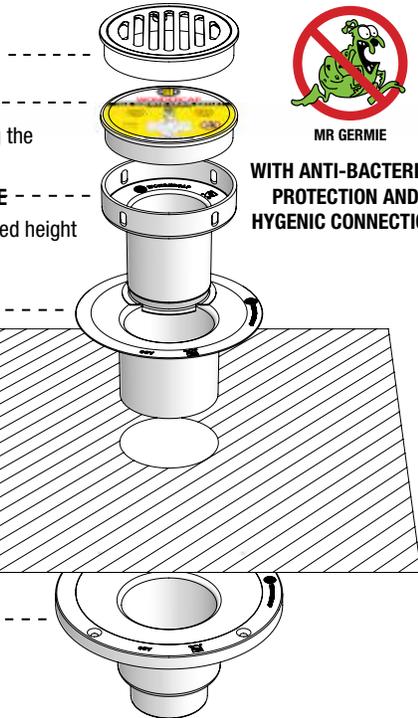
Easy to install both the inner and outer flanges with a triple seal connection

### SHOWER PAN LINER

(not included)

### WONDERCAP 3 INCH X 2 INCH OUTER FLANGE

Secures firmly to timber or concrete



### 1. FOR THE WOODEN SUBFLOOR INSTALLATION:

Drill or cut a 3.3/4" diameter hole in the required drain location of the shower floor base.

**The shower drain outlet (SDO) is positioned into place and screwed down to the wooden floor.**

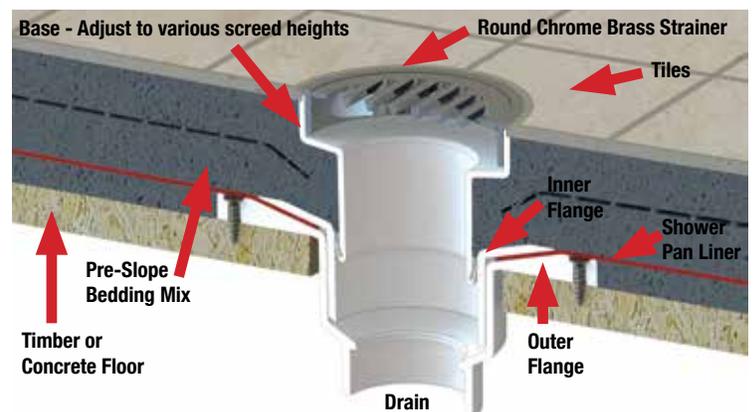
The shower drain is connected to the 2 inch socketed section as per standard drainage installation. Prior to connecting the pipe & fitting, the joints are prepared with appropriate solvent cleaner & solvent cement.

### 1. PREPARATION OF THE PRE-SLOPE:

DO NOT remove the Wondercap base with cap. The pre-slope bedding is easily installed to the edge of the 1/2 inch outer lip and sloped for draining the shower pan liner from the outer walls to the SDO.

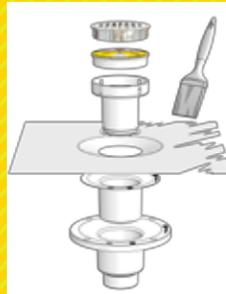
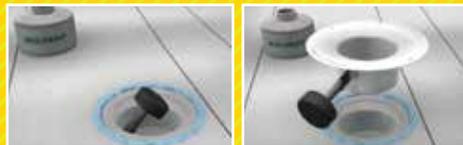
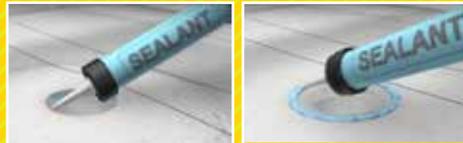
Allow the pre-slope to dry thoroughly before installing the shower pan liner and always follow the manufacturer's installation guidelines.

- Remove the inner flange of the SDO and put to the side. The shower pan liner can be installed over the SDO as per the manufacturer's guidelines.
- Mark the opening of the internal inner edge of the outer flange and cut out the inner circle. The pan-liner is placed back over the SDO - ensure that the shower pan liner finishes just short of the edge of the internal outer flange.
- Solvent clean the inner flange and outer flange: Apply a 1/2 inch bead of 100% silicone caulk to the edge of the outer flange below the pan-liner and to the top side edge of the pre-cut opening of the pan-liner. Apply solvent cement to the inside of the outer flange & to the outside of the inner flange. Insert the inner flange into the outer flange with a firm slight twisting motion pushing all the way down - hold in position for a few seconds.
- Water testing of the shower pan-liner and connection: Install our provided (blue) 2 inch test plug into the top of the 2 inch pipe, fill the shower pan liner with water to just below the top of the curb, test for approximately 4 hours. Inspect for leaks and repair if required.
- Place the Wondercap base & cap back into position and you are ready for tiling.
- Raise the Wondercap base & cap to the required height - support the position by applying the prepared bedding mix around the outside of the base - the Wondercap cap is not removed. Use a level to align the Wondercap base & cap to the required height. Screed approximately 1 inch of bedding mix to the shower base. Install the galvanized reinforcement mesh or metal lathe over the shower step and across the shower base. The remaining bedding mix is then applied while maintaining the correct grade as per building requirements. Ensure that the base mix height allows for the thickness of the tile - the top of the tile should be at the same height as the Wondercap 4 inch cap.
- Grout the floor & walls as required and then remove the Wondercap protective cap - install the outer ring of the strainer with tile glue & grout - the strainer centre is put into position and rotated into the lock position. The strainer centre can be easily removed for access to the drainage system.
- For Wondercap Round Strainers use our Wondercap cap as a template to cut the tile or with our new Square Strainer, cut the desired size accordingly.
- To install a linear shower drain with the Wondercap, insert the provided (yellow) reducing bush into the Wondercap base.



## INSTALLATION GUIDE

### Preparation of the Wondercap into the shower floor.



1. Clean, prime and solvent-weld the flange tail into the drainage pipe. Ensure the flange sits flush with the floor and secure with 4 counter-sunk screws.
2. To form the pre-slope, simply mark out the height of the pre-slope on the external walls of the shower, allowing a fall of ¼ inch per foot. Fill with dry-pack mortar and screed back to the edge of the outer Wondercap flange.
3. Once dry, remove the inner flange and base component and set aside.
4. Position the shower pan liner over the shower floor outlet, with the outside corners turned up and folded into pigs ears and nailed to the studs.  
**PRO TIP!**  
It is important the liner is turned up the walls at least 3" higher than the finished dam and penetrations are no less and 1" above the finished dam. The liner should extend up and over the shower step and fasten to the outer face. Prefabricated reinforcing corners can be bonded in areas where folding is not possible.
5. Locate the inner edge of the Wondercap flange (that is screwed to the floor) & carefully cut away the inner circle of the liner.
6. Apply a clear all-purpose silicone sealant to the under-side of the shower pan liner, around the drain outlet and to the top side of the shower pan liner.
7. Apply solvent cement to the female surface of the lower flange and the male surface of the inner flange.
8. Press down the inner flange into the lower flange with a slight twisting motion and maintain a firm pressure for a few seconds until the solvent cement has taken hold.  
**PRO TIP!**  
Test the shower pan liner for any leaks using the test plug included with your Wondercap Tile Shower Drain Outlet (4 hour test will detect any leaks).
9. Insert the Wondercap base & cap and raise to the required tile height. Apply bedding mix around the outside of the inserted base.  
The Wondercap protective cap is NOT removed.
10. Screed the shower bed with a 1" layer of prepared bedding mix and lay a suitable galvanized steel mesh or metal lath over the shower step and across the shower base.
11. Apply the remaining bedding mix over the mesh or lath. Simply screed back to the shower drain outlet while maintaining the correct grade as per standard building requirements.  
**PRO TIP!**  
Make sure to allow for your tile thickness when finishing the bedding. It should end flush with the top of the Wondercap.
12. Once the bedding is set, form the curb by packing a dry mortar mix into the mesh and trowelling it to the desired thickness of the shower step. The curb should be no less than 2" but no more than 9" in height.
13. Fix the tile backer boards to the studs of the timber frame.  
**PRO TIP!**  
When laying the floor tiles, the fall is maintained towards the drain and the tiles are cut around the strainer position using the top of the Wondercap strainers as a template.
14. Finally, simply remove the protective cap and install the outer frame of the desired strainer with tile-glue grout.



**WONDERCAP**  
*Simply Better*