

NobleFlex® Drain Flashing

U.S. Patent No. 7,632,401

Installation Instructions

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1. MATERIALS

- NobleFlex Drain Flashing
 - NobleSealant 150
 - Positive Weep Protector™* U.S. Patent No. 5,022,430
 - Waterproofing Membrane (i.e. NobleSeal® TS, ValueSeal®, etc.)
- Optional: NobleFlex Drain Flashing Tool*

2. PREPARATORY WORK

Determine the proper Drain Flashing depth needed to adapt the waterproofing membrane down to the clamping ring drain. Verify that the strainer can be adjusted (high or low) to the finished flooring elevation.

If NobleFlex Drain Flashing Tool is used:

- Remove strainer, clamping ring, and retaining bolts.
- Center tool on drain body.
- Hold tool down firmly and pack mortar bed around tool.
- Install sloped bed from the tool to the perimeter of shower.
- Remove tool.

If NobleFlex Drain Flashing Tool is not used:

- Install sloped mortar bed to perimeter of the shower making sure to shape mortar bed to support NobleFlex Drain Flashing.

3. INSTALLING DRAIN FLASHING TO CLAMPING RING DRAIN

- 3.1 Remove instruction label.
- 3.2 Remove strainer and clamping ring.
- 3.3 Insure that Drain Flashing is supported on underside by properly tapered mortar bed. Add or remove mortar as necessary.
- 3.4 Trace drain hole opening and bolt holes onto flashing. Carefully cut out inside drain opening and openings for clamping ring bolts.
- 3.5 Apply a continuous bead (no skips) of NobleSealant 150 on the lower drain body.

- 3.6 Bond Drain Flashing to substrate with latex/polymer modified portland cement mortar or NobleBond EXT. Do not apply bond coat to drain body. Embed Flashing into bond coat.
- 3.7 Install the Drain Flashing by pressing the clamping ring bolts through openings in the Flashing.
- 3.8 Reset clamping ring and firmly tighten bolts. Follow manufacturer's instructions.
- 3.9 Protect weep holes from clogging.
- 3.10 Replace strainer and adjust to proper height for tile.

4. INSTALLATION OF WATERPROOF MEMBRANE

Install waterproof membrane according to manufacturer's instructions.

5. SEAMING WATERPROOF MEMBRANE TO DRAIN FLASHING

- 5.1 Drain Flashing and waterproof membrane surfaces must be clean and dry.
- 5.2 Waterproof membrane should overlap the Drain Flashing by 2".
- 5.3 Apply a 3/16" bead of NobleSealant 150 a 1/2" from the edge of the Drain Flashing.
- 5.4 Overlap sheet membrane on top of Drain Flashing and embed with roller.

6. FLOOD TEST

Test for leaks per local code requirements.

7. COMPLETING THE SLOPE

Fill depression in Drain Flashing with mortar to required plane.

Follow appropriate industry standards.

***Use Pea Gravel or other weep protection for depths less than 1-1/4".**

****Must meet or exceed ANSI A118.4**

