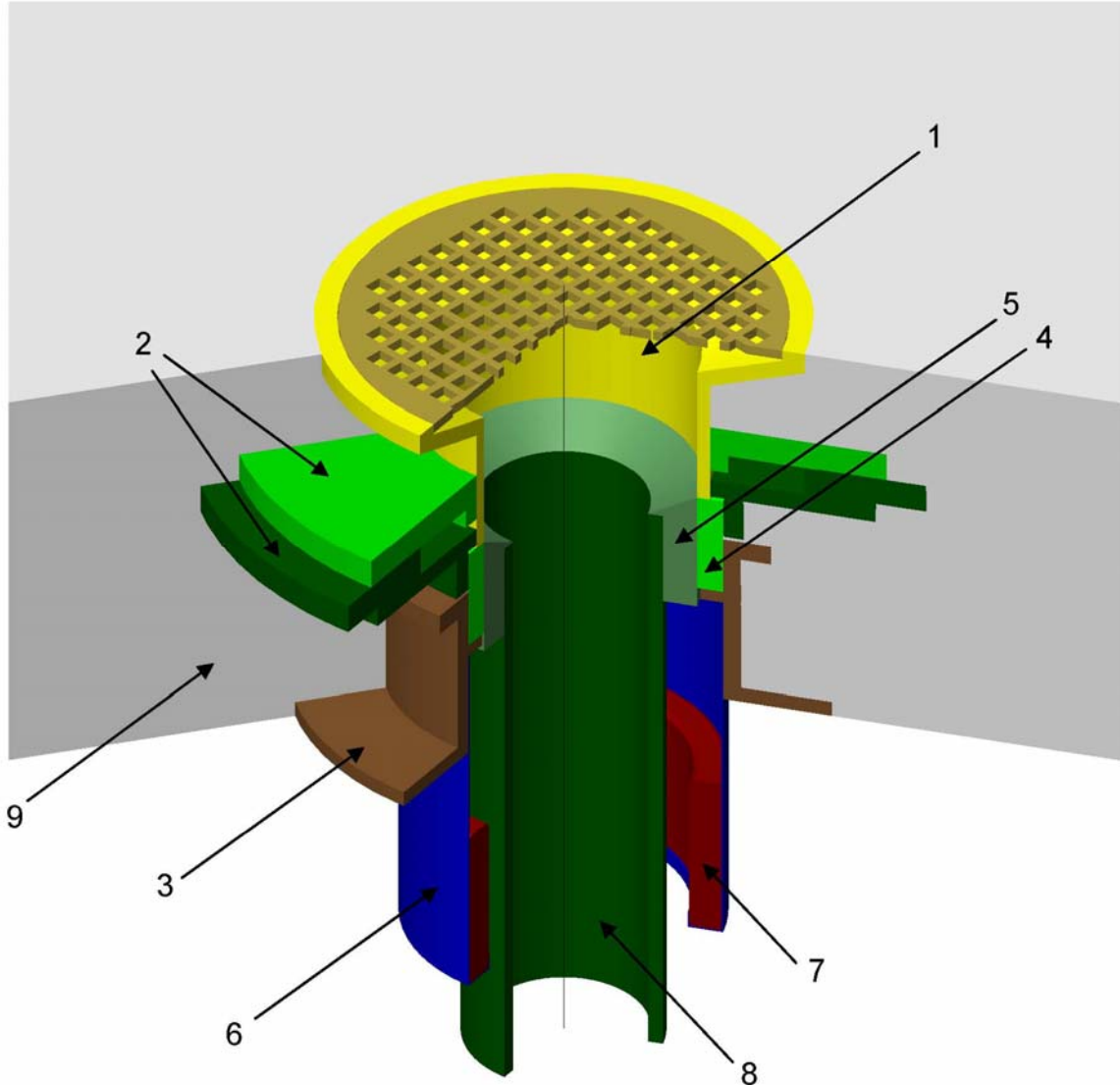

Design No. PS/PH 180-04
3-INCH FLOOR DRAIN ASSEMBLY

ProSet Systems Inc.
T-Rite 3" Floor Drain assembly

ASTM E814 ratings achieved:

F Rating – 180 minutes

T Rating – 133 minutes



1. Chrome-plated strainer component. ProSet part number SF3560H. Metal drain component is threaded along narrow lower section to secure it within the clamping ring.

2. Clamping ring made of rigid Polyvinyl Chloride (PVC). Part number 57-CR3 (3" floor drain).

Clamping ring pieces fastened together through four axially symmetric holes using zinc-plated steel bolts.

3. ProSet P-49 PVC Flange. PVC is constructed of Type 1 fire rated PVC resin. The purpose of this component is to house the metal extension containing the intumescent and to provide a flush interface with the bottom surface of the floor/ceiling assembly. The inner diameter of the inlet if the P-49 flange is 4".

Four (4) #8 x 1-1/2" sheet metal screws are inserted every 90° through the wall of the P-49 fitting to allow the metal extension to be hung from the protruding screw points within the penetration base cavity.

4. ProSet P-43 PVC pipe. PVC is constructed of Type 1 fire rated PVC resin. The purpose of this component is to adjoin the bottom of the PVC clamping ring to the P-49 series flange. P-43 pipe has an outer diameter of 4". Minimum concrete thickness must be in accordance with Item 9 of this Design Listing.

5. Commercial standard PVC bushing. Upper surface is sloped conically inwards to effect drainage into the drain pipe (See Item 8).
6. 26 gage (min. 0.0179" thick) sheet steel extension sleeve. Sleeve has outer diameter of 6". Extends a minimum 3" below bottom surface of concrete. Metal extension has 4 J-shaped notches cut in upper edge every 90° position. These allow the metal extension to be hung from the corresponding #8 x1-1/2" sheet metal screws in the P-49 fitting (See item 3).
7. Intumescent wrap. ProsSet Part WSPS633.
8. Schedule 40 DWV PVC drain pipe.
9. Concrete slab minimum 4-1/2" thick and with a minimum compressive strength of 2800 psi.