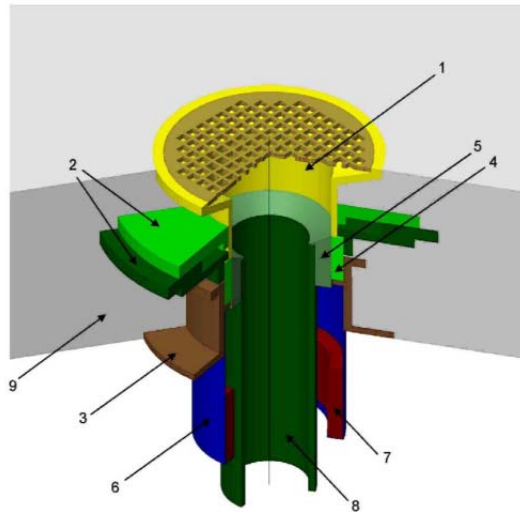


**DESIGN NO. PS/PV 180-01**  
**3" FLOOR DRAIN ASSEMBLY**  
**F-RATING: 180 MINUTES; T-RATING: 133 MINUTES**



|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Chrome-plated strainer component. ProSet part number SD3560H. Metal drain component is threaded along narrow lower section to secure it within the clamping ring.                                                                                                                                                                                                                                                                                                                                                                                        |
| 2 | Clamping ring made of Georgia Gulf 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 (Georgia Gulf) 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".<br>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 (Georgia Gulf) 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 x 1-1/2" sheet metal screws in the P-49 fitting (See item 3).                                                                                                                                                                                       |
| 7 | Alva-Tech Intumescent wrap. 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Testing Standard(s): ASTM-E814