

## FLOOR DRAIN – Vertical short floor drain

**Part No.**  
**141866**

**Type S10V18**  
100mm diameter outlet with Heelguard 180mm diameter vinyl grate

### Product Features

1. **Stainless steel height adjustable assembly with lockable Heelguard grate secured with M6 Hex socket screws. The grate has a vinyl clamp provision to secure vinyl sheeting**



Load Class K3 (EN 1253)



Grates designed to resist the penetration of a 8mm heel. ASME A112.6.3 (Section 7.12) compliant – American high heel Standard



AS 3996 (Clause 3.3.5) compliant for surface openings in pedestrian areas



AS 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety



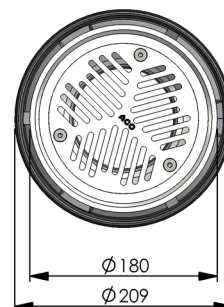
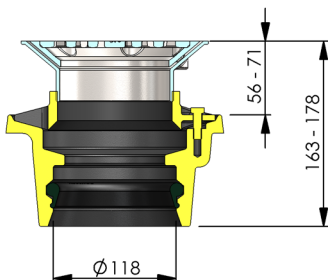
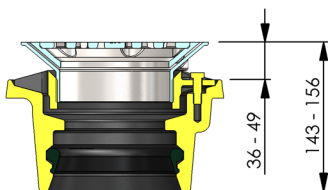
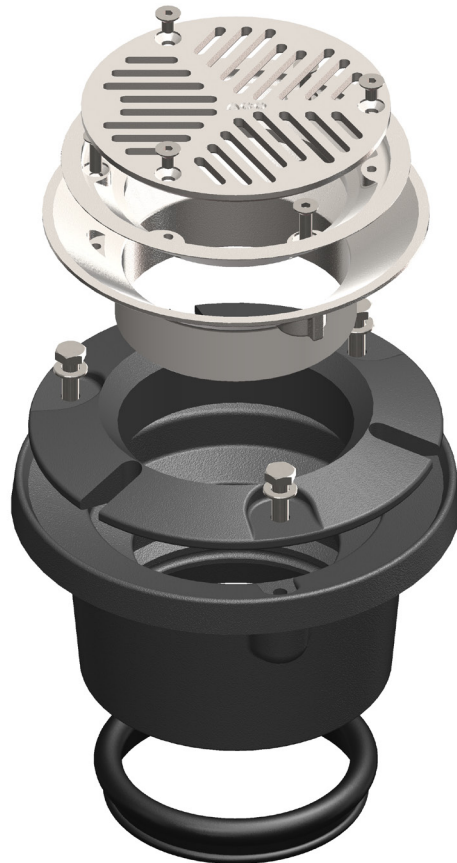
AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

### 2. Cast iron body

- Cast iron clamp ring (secured with 3 x M8 Hex head bolts) incorporates weep holes to ensure integrity of rolled waterproof membrane
- Nitrile rubber seal for push-fit connection to suit PVC and HDPE pipe

### 3. Hydraulic data

- Intake area: 6,901 mm<sup>2</sup>
- 2.81 L/s (based on 20mm head of water)



**Note:** All dimensions are in mm

ACO Specification Information

## Specification Clause

This floor drain shall be ACO Wexel Type S10V18 (Part No. 141866). The drain grate shall be Heelguard, 180mm diameter and contain a vinyl clamp available with an optional removable strainer (Part No. 141920). The drain body is to suit a 100mm diameter vertical outlet.

### Materials and Design

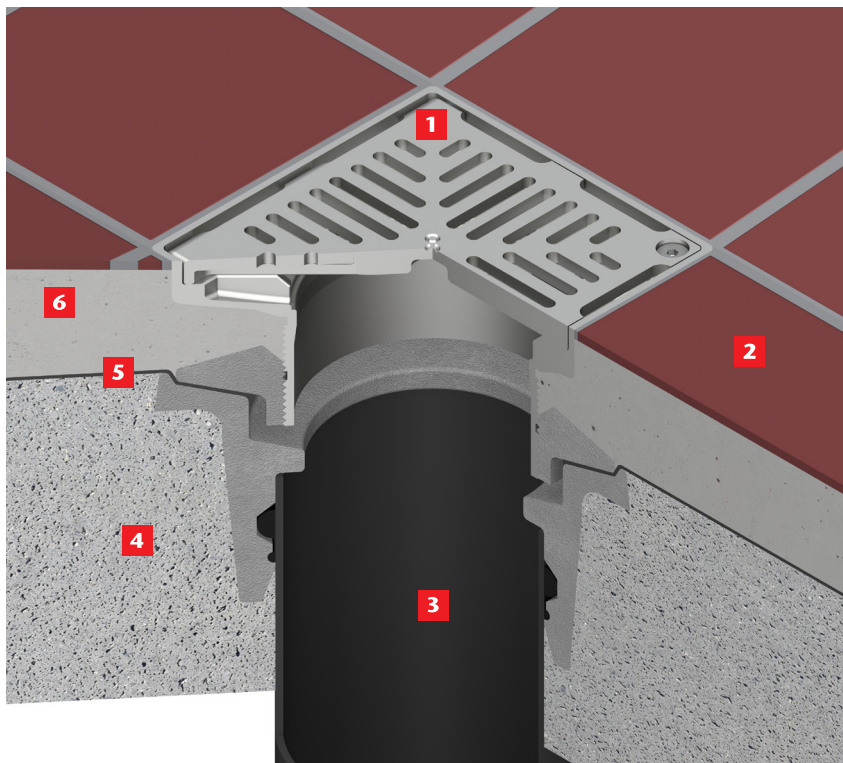
The grate shall be cast stainless steel, lockable with 3 x M6 Hex socket screws.

For strength and pedestrian safety, the grate shall be designed to meet load class K3kN (EN 1253), comply with AS 1428.2 (Clause 9c), AS 3996 (Clause 3.3.5 and 3.3.6) and ASME A112.6.3 (Section 7.12).

The iron body shall have a cast iron membrane clamp ring (secured with 3 x M8 Hex head bolts) incorporating weep holes. For push-fit pipe connection, the body shall have a nitrile rubber seal.



## General Installation Illustration



### Full bodied vertical short floor drain installed in tiled floor

- 1** Floor drain – S10S15 shown
- 2** Glue fixed tile
- 3** Outlet pipe – HDPE or PVC
- 4** Concrete slab
- 5** Waterproof membrane
- 6** Screed/mortar

**Note:** The illustration is shown for guidance only and shows a typical drain and not necessarily the specific type described on the data sheet.

For downloadable drawings, visit [www.acowexel.com.au](http://www.acowexel.com.au)

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