

FLOOR DRAIN – Vertical utility floor drain

Part No.
141871

Type E10R20

100mm diameter outlet with Heelguard 200mm diameter grate

Product Features

1. Stainless steel height adjustable assembly with lockable Heelguard grate secured with M6 Hex socket screws



Load Class L15 (EN 1253), similar to Class A10kN (AS 3996)



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



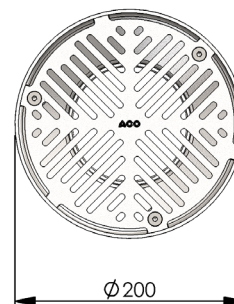
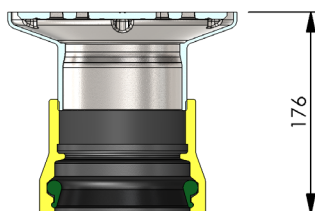
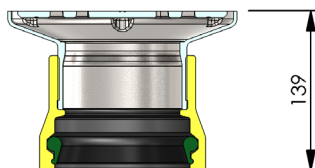
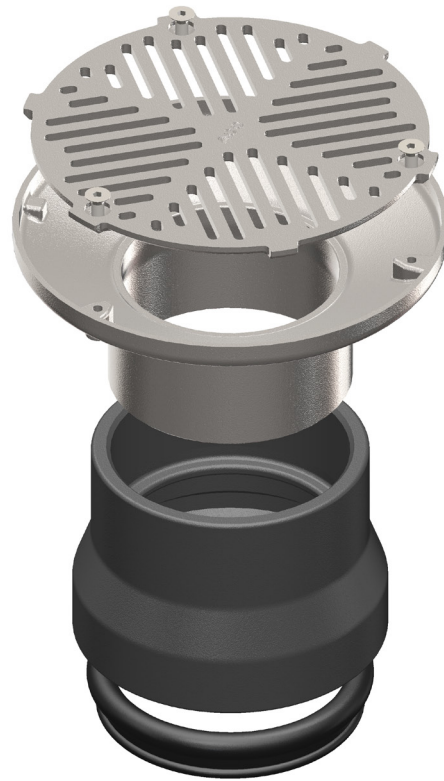
AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

2. Cast iron body

- Collar with a thread provision for the adjustable height grate
- Nitrile rubber seal for push-fit connection to suit PVC and HDPE pipe

3. Hydraulic data

- Intake area: 11,199 mm²
- 4.56 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 E10R20 (Part No. 141871). The drain grate shall be Heelguard, 200mm diameter with an optional removable strainer (Part No. 141921). The drain body is to suit a 100mm diameter vertical outlet.

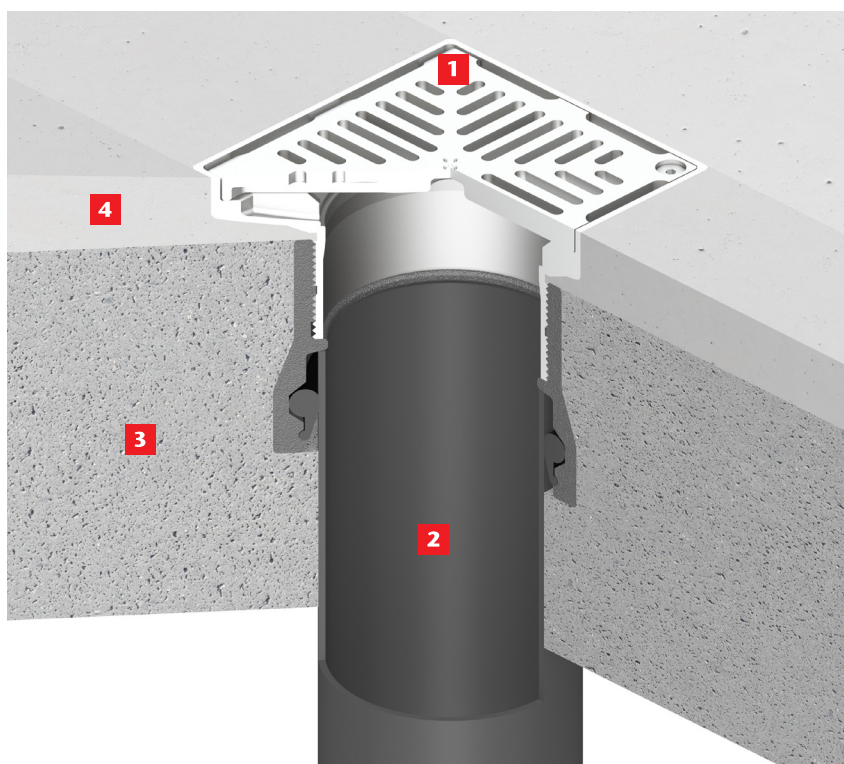
Materials and Design

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 L15kN (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 be a collar with a thread provision for the adjustable height grate. For push-fit pipe connection, the body shall have a nitrile rubber seal.



General Installation Illustration



Full bodied vertical utility floor drain installed in screed floor

- 1** Floor drain – E10S15 shown
- 2** Outlet pipe – HDPE or PVC
- 3** Concrete slab
- 4** 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

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