





ROOF DRAIN – Flat Grate

Part No.
141907

Type R10PX
100mm diameter outlet with 250mm diameter extra heavy duty flat grate

Product Features

1. Hot dip galvanised iron lockable grate secured with M12 Hex head socket screw

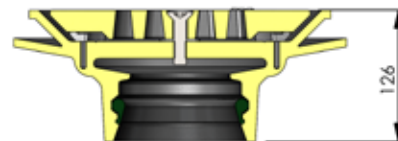
-  Load Class M125kN (EN 1253), similar to Class C150kN (AS 3996)
-  AS 3996 (Clause 3.3.5) compliant for surface openings in pedestrian areas
-  AS 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety
-  AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

2. Cast iron body

- Integral puddle flange incorporates weep holes to ensure integrity of subsurface waterproof (liquid) membrane
- Nitrile rubber seal for push-fit connection to suit all types of drainage pipe

3. Hydraulic data

- Intake area: 22,255 mm²
- 9.06 L/s (based on 20mm head of water)



Note: All dimensions are in mm

ACO Specification Information

Specification Clause

This roof drain shall be ACO Wexel Type R10PX (Part No. 141907): 100mm diameter outlet with 250mm diameter extra heavy duty flat grate.

Materials and Design

The grate shall be hot dip galvanised iron, lockable with M12 Hex head socket screw.

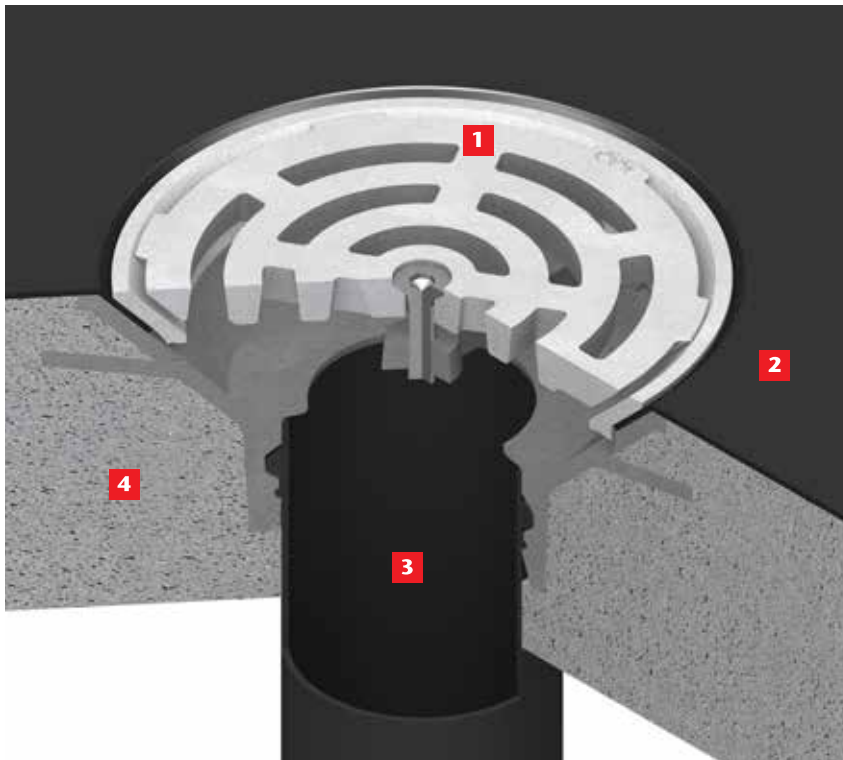
For strength and pedestrian safety, the grate shall be designed to meet load class M125kN (EN 1253) and comply with AS 3996 (Clause 3.3.5 and 3.3.6) and AS 1428.2 (Clause 9c).

The iron body shall have a puddle flange incorporating weep holes.

For push-fit pipe connection, the body shall have a nitrile rubber seal.



General Installation Illustration



Roof drain with flat grate

- 1** Roof drain (R10PH shown)
- 2** Roof membrane
- 3** Outlet pipe – HDPE or PVC
- 4** Concrete slab

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

ACO Polycrete Pty Ltd, Australia

Ph: 1300 765 226
www.acowexel.com.au
sales@acoaus.com.au

ACO Limited, New Zealand

Ph: 0800 448 080
www.acowexel.co.nz
sales@aconz.co.nz

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