








This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit www.heelsafe.com.au

Product Features

-  Certified to AS 3996 Load Class G (900kN) (NATA endorsed load test reports available)
 -  AS 3996 (Clause 3.3.6 compliant for surface openings in pedestrian areas ASME A112.6.3 (Section 7.12) compliant - American high heel standard)
 -  AS 4586: P3 – Slip resistance classification for Wet Pendulum Test
AS 4586: R10/R10¹ - Slip resistance classification for Oil-Wet Inclining Platform Test
 -  AS 1428.1 (Clause 4.4c) compliant for wheelchair and walking cane safety
 -  AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance
 - Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
 - **PowerLok** barless and boltless locking system
 - Suitable for use with S100K, H100SK channels
 - Manufactured from ductile iron to AS 1831 Grade 500-7
- ¹. Test direction (perpendicular/parallel) relative to the grate's length (NATA endorsed test reports available)



Specifications

The grate shall be ACO S100K/H100SK* Iron Intercept **Heelsafe® Anti-Slip** grate with **PowerLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 138mm and overall length of 500mm. Slot widths measure at a maximum of 6mm.

Materials & Design

The grate shall be manufactured from ductile iron and have **minimum** properties and characteristics as follows:

- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- Manufactured from ductile iron to ASTM AS 1831 Grade 500-7
- Certified to AS 3996 Load Class G (900kN)²
- AS 4586: P3 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: R10/R10¹ – Slip resistance classification for Oil-Wet Inclining Platform Test²
- Meets AS 1428.1 (Clause 4.4c); AS 3996 (Clause 3.3.6 & 3.3.7); ASME A112.6.3 (Section 7.12)
- Intake area of 9,800mm² per half metre of grate

¹ Test direction (perpendicular/parallel) relative to the grate's length

² NATA endorsed test reports available

For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/product-support>

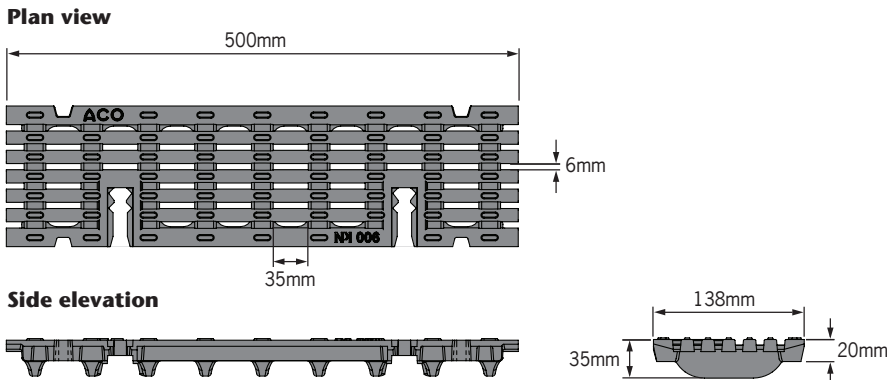
*delete as appropriate

ACO Specification Information

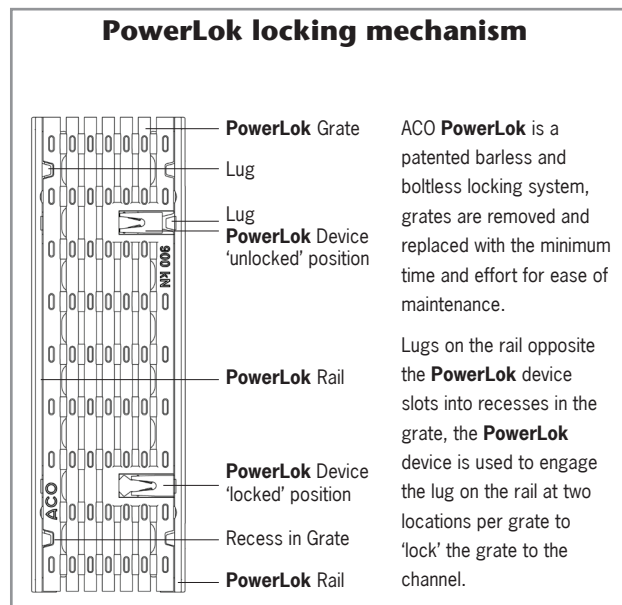


ACO DRAIN®

S100K/H100SK Iron Intercept Heelsafe® Anti-Slip grate



| Description | Part No. | Length (mm) | Width (mm) | Weight (kg) |
|---|---------------|-------------|------------|-------------|
| PowerLok grate | | | | |
| S100K/H100SK Iron Intercept Heelsafe® Anti-Slip | 141299 | 500 | 138 | 6.8 |
| Grate removal tool | 01318 | - | - | 0.1 |
| PowerLok safety clip | 10443 | - | - | - |



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