



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 3.3.5) 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 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety



AS 3996 (Clause 3.3.6) 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 1428.2 (Clause 9c); AS 3996 (Clause 3.3.5 & 3.3.6); 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/resources>

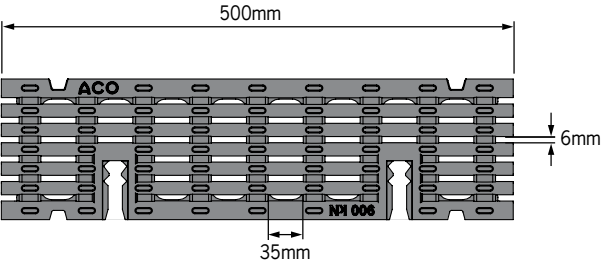
*delete as appropriate

ACO DRAIN®

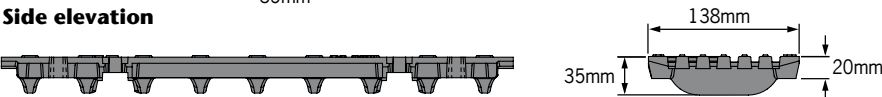
S100K/H100SK Iron Intercept Heelsafe® Anti-Slip grate



Plan view

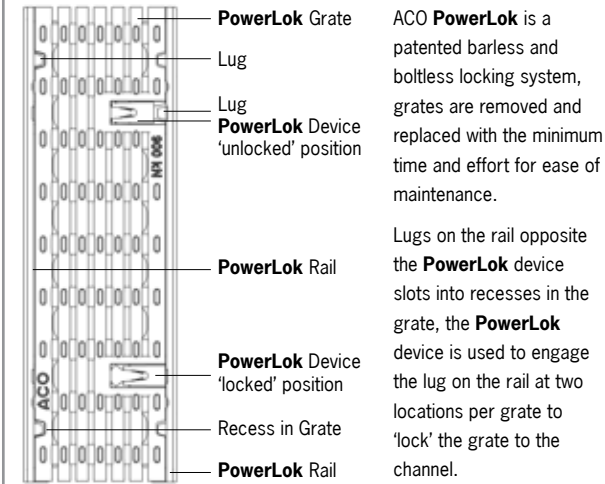


Side elevation



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	-	-	-

PowerLok locking mechanism



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SPEC
INFO
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