



This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit [www.heelsafe.com.au](http://www.heelsafe.com.au)

**Product Features**

- Certified to AS 3996 Load Class E (400kN) (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/R10<sup>1</sup> - 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** boltless locking system
    - Suitable for use with S300K, H300SK channels
    - Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15
- <sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length (NATA endorsed test reports available)



**Specifications**

The grate shall be ACO S300K/H300SK\* Iron Intercept Heelsafe® Anti-Slip grate with PowerLok boltless locking system as manufactured by ACO. This grate has an overall width of 337mm and overall length of 500mm. Slot widths measure at a maximum of 6.5mm.

**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 A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15
- Certified to AS 3996 Load Class E (400kN)<sup>2</sup>
- AS 4586: P3 – Slip resistance classification for Wet Pendulum Test<sup>2</sup>
- AS 4586: R10/R10<sup>1</sup> – Slip resistance classification for Oil-Wet Inclining Platform Test<sup>2</sup>
- 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 34,900mm<sup>2</sup> per half metre of grate

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

<sup>2</sup> 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 Specification Information

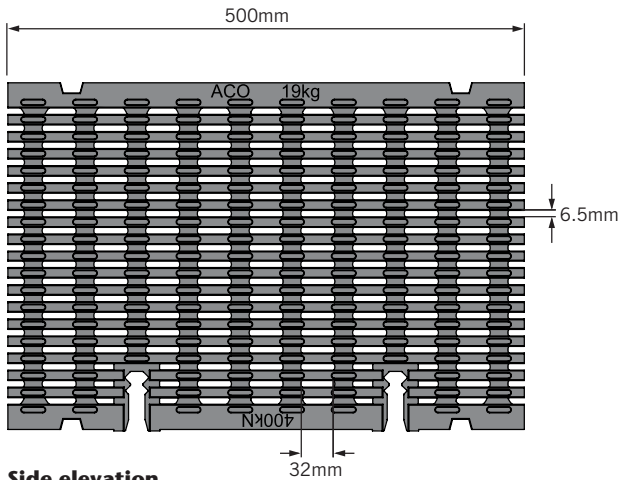


**ACO DRAIN®**

**S300K/H300SK Iron Intercept Heelsafe® Anti-Slip grate**



**Plan view**

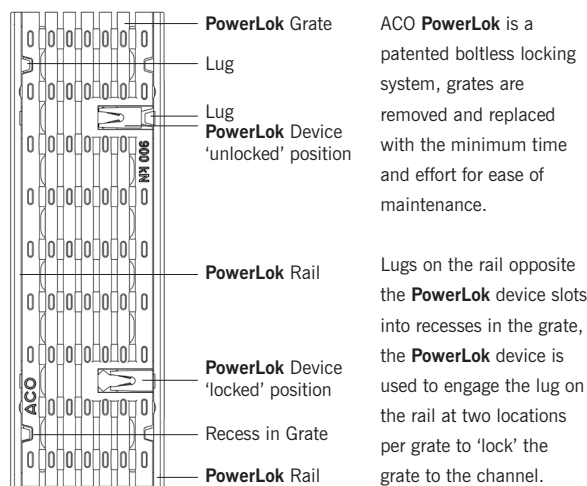


**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
S300K/H300SK Iron Intercept Heelsafe® Anti-Slip	<b>141223</b>	500	337	19.2
Grate removal tool	<b>01318</b>	-	-	0.1
PowerLok safety clip	<b>10443</b>	-	-	-

**PowerLok locking mechanism**



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