



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 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/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** boltless locking system
- Suitable for use with S200K, H200SK channels
- Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15

¹. Test direction (perpendicular/parallel) relative to the grate's length
(NATA endorsed test reports available)



Specifications

The grate shall be ACO S200K/H200SK* Iron Intercept **Heelsafe® Anti-Slip** grate with **PowerLok** boltless locking system as manufactured by ACO. This grate has an overall width of 237mm 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)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 27,800mm² 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>

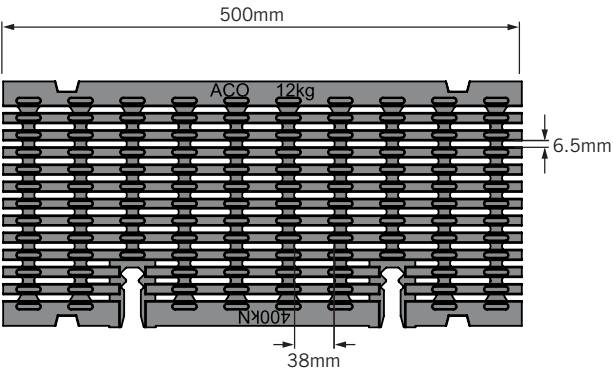
*delete as appropriate

ACO DRAIN®

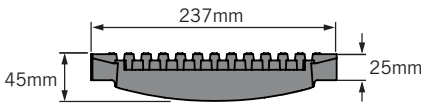
S200K/H200SK Iron Intercept Heelsafe® Anti-Slip grate



Plan view



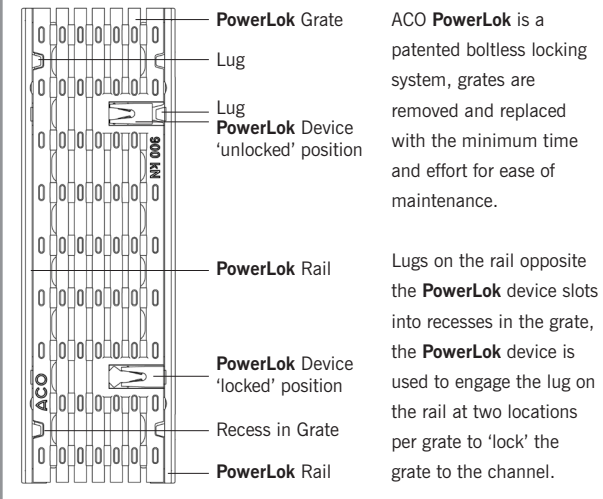
Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
S200K/H200SK Iron Intercept Heelsafe® Anti-Slip	141215	500	237	11.7
Grate removal tool	01318	-	-	0.1
PowerLok safety clip	10443	-	-	-

Notes:
1. Grate and PowerLok device included in channel part numbers.

PowerLok locking mechanism



ACO Limited
New Zealand
Ph: 0800 448 080
www.acodrain.co.nz
sales@aconz.co.nz



© April, 2014 ACO Polycrete Pty Ltd. All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions are suitable. ACO Polycrete Pty Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.