



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 D (240kN) (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: P5 – Slip resistance classification for Wet Pendulum Test AS 4586: R10/R10<sup>1</sup> – Slip resistance classification for Oil-Wet Inclining Platform Test



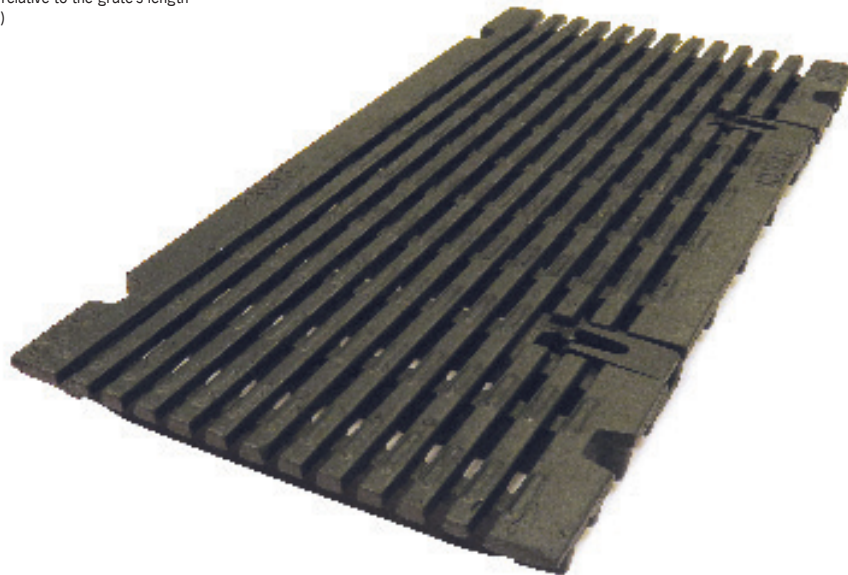
AS 1428.1 (Clause 4.4c) compliant for wheelchair and walking cane safety



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** boltless locking system
- Suitable for use with TD200 channels
- Manufactured from ductile iron to AS 1831 Grade 500-7

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



**Specifications**

The grate shall be ACO TD200 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 6.3mm.

**Materials & Design**

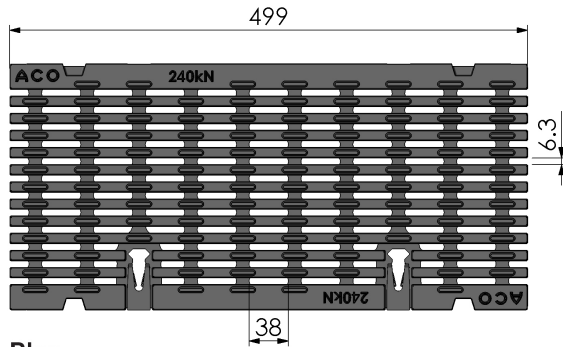
The grate shall be manufactured from ductile iron and have **minimum** properties and characteristics as follows:

- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- Manufactured from ductile iron to AS 1831 Grade 500-7
- Certified to AS 3996 Load Class D (240kN)<sup>2</sup>
- AS 4586: P5 – 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 1428.1 (Clause 4.4c); AS 3996 (Clause 3.3.6 & 3.3.7); ASME A112.6.3 (Section 7.12)
- Intake area of 28,250mm<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

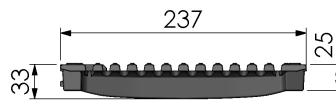
For the specification of the ACO TraffikDrain channel system selected, click: <http://www.acoinfrastructure.com.au/product-support/>



Plan



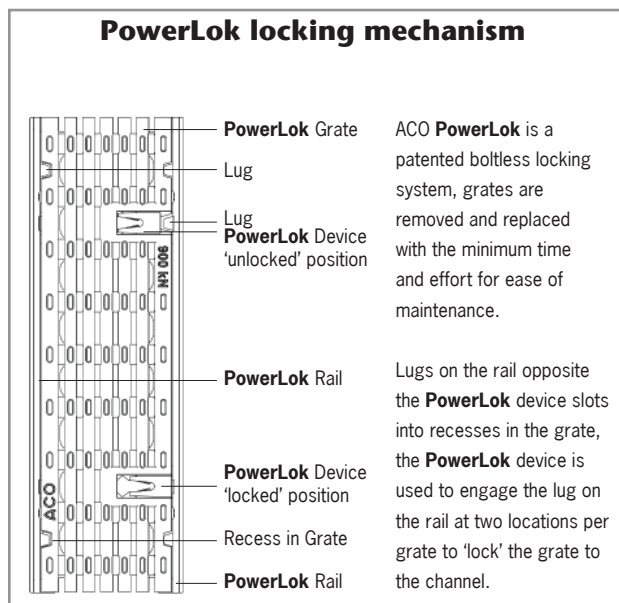
Side Elevation



End Elevation

Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>PowerLok grate</b>				
TD200 Iron Intercept Heelsafe® Anti-Slip	<b>142125</b>	500	237	8.7
Grate removal tool	<b>01318</b>	-	-	0.1
<b>PowerLok</b> safety clip	<b>10443</b>	-	-	-

**PowerLok locking mechanism**



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