



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 D (210kN) (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



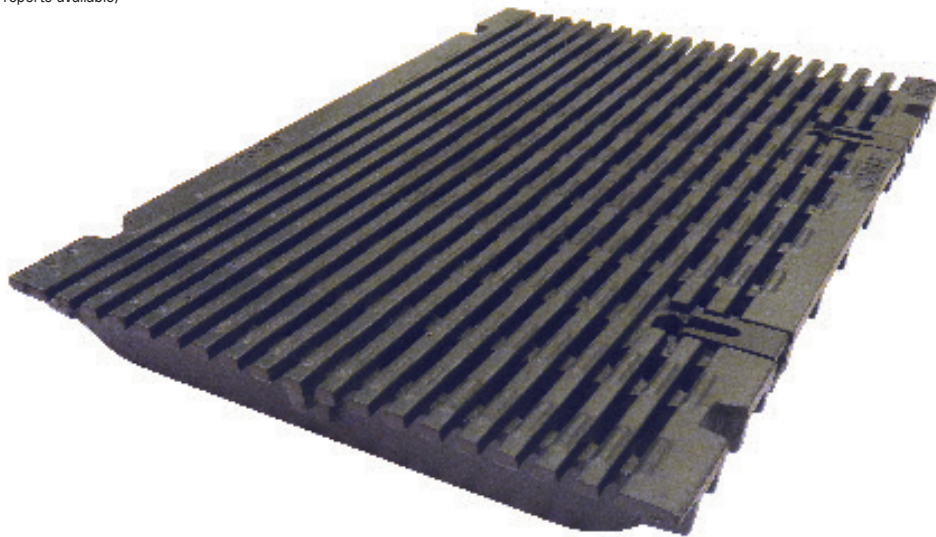
AS 1428.1 (Clause 4.4c) compliant for wheelchair and walking cane safety



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** boltless locking system
- Suitable for use with TD300 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 TD300 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 6.3mm.

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 (210kN)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 38,950mm² per half metre of grate

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

² NATA endorsed test reports available

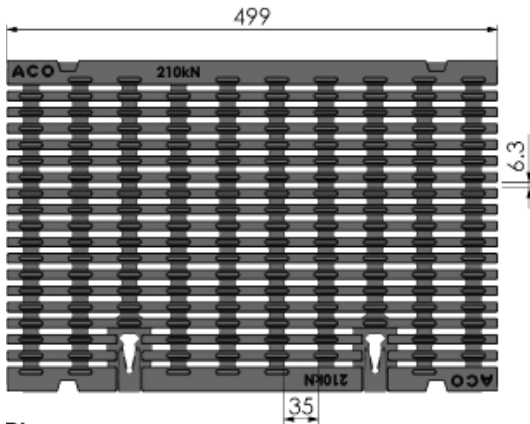
For the specification of the ACO TraffikDrain channel system selected, click: <http://www.acoinfrastructure.com.au/product-support/>

ACO Specification Information



ACO INFRASTRUCTURE®

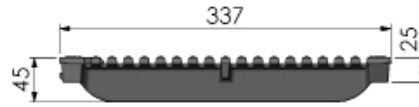
TD300 Iron Intercept Heelsafe® Anti-Slip grate



Plan



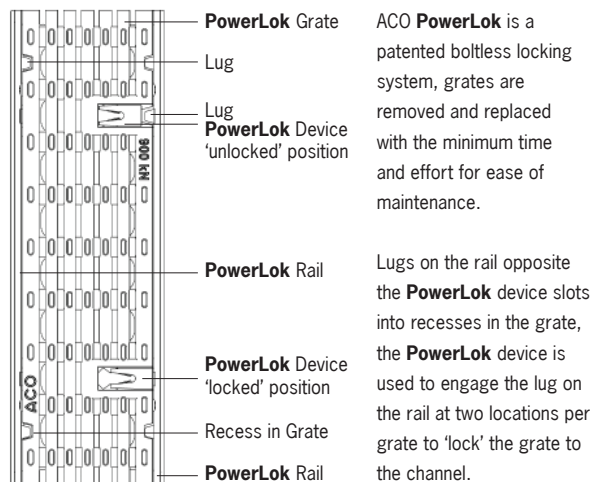
Side Elevation



End Elevation

Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
TD300 Iron Intercept Heelsafe® Anti-Slip	142126	500	337	14.8
Grate removal tool	01318	-	-	0.1
PowerLok safety clip	10443	-	-	-

PowerLok locking mechanism



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