

**Product Features**

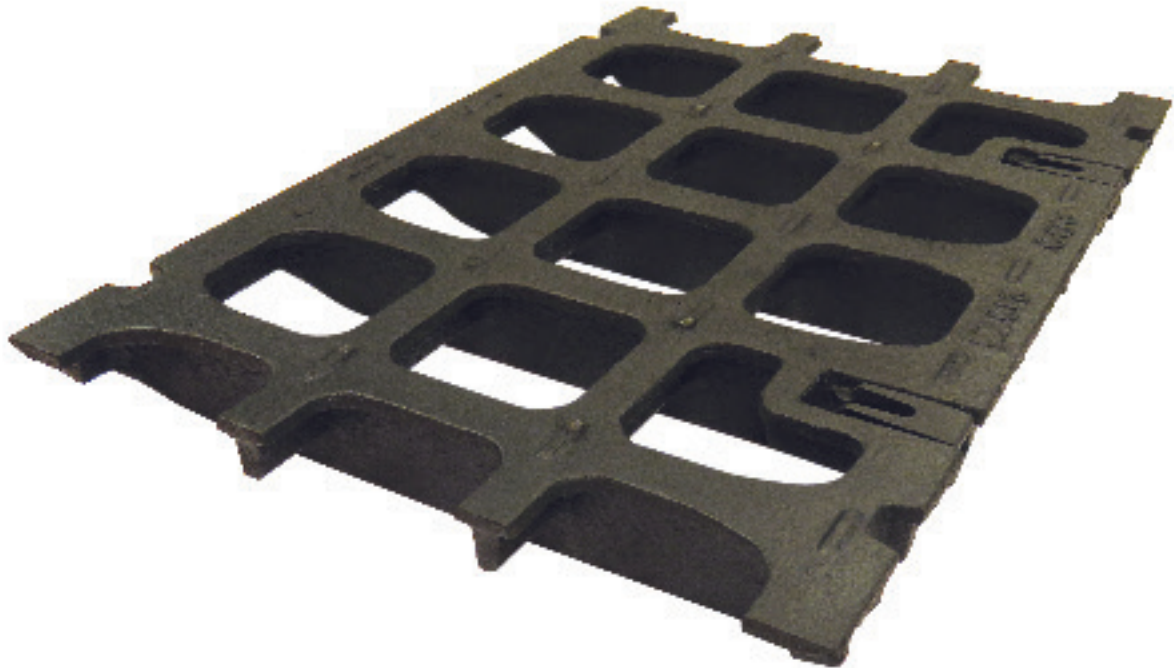


Certified to AS 3996 Load Class D (210kN)  
(NATA endorsed load test reports available)



AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance

- Large aperture inlets for high water intake
- 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



**Specifications**

The grate shall be ACO TD300 Iron Hi-Flo 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 80mm.

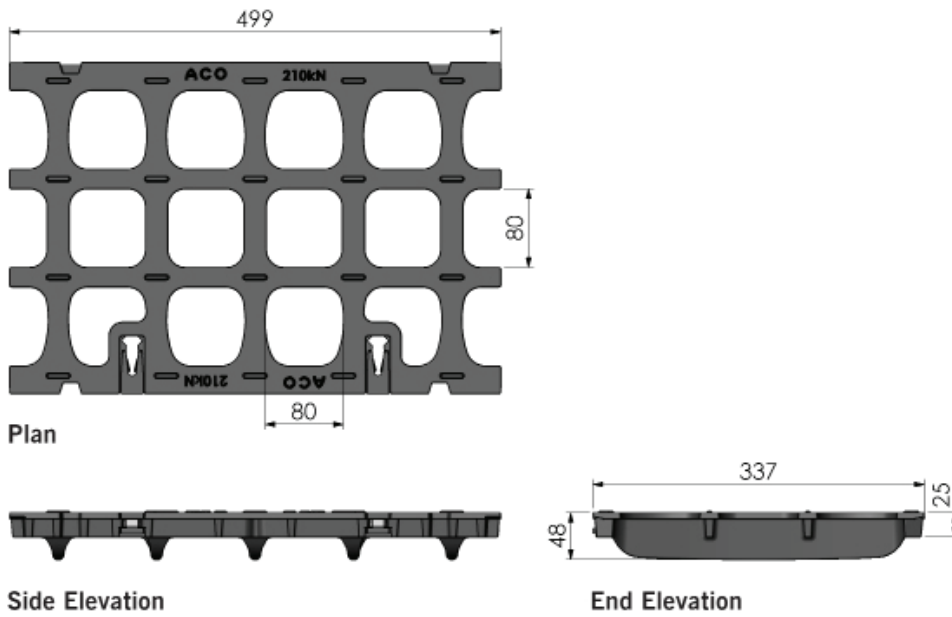
**Materials & Design**

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

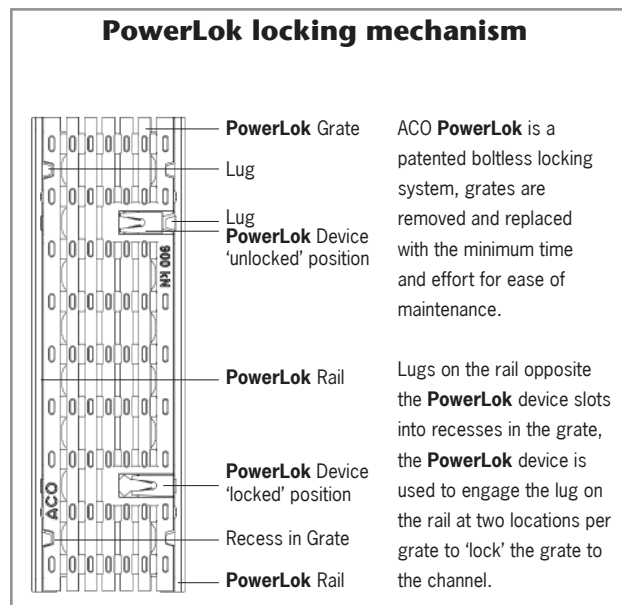
- Large aperture inlets for high water intake
- Recesses in grate fit around 'anti-shunt' lugs on the edge rail to prevent longitudinal movement
- Manufactured from ductile iron to AS 1831 Grade 500-7
- Certified to AS 3996 Load Class D (210kN)<sup>1</sup>
- Meets AS 3996 (Clause 3.3.7)
- Intake area of 84,500mm<sup>2</sup> per half metre of grate

<sup>1</sup> NATA endorsed test reports available

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



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>PowerLok grate</b>				
TD300 Iron Hi-Flo	<b>142128</b>	500	337	10.5
Grate removal tool	<b>01318</b>	-	-	0.1
<b>PowerLok</b> safety clip	<b>10443</b>	-	-	-



**ACO Pty Ltd**  
Australia  
Ph: 1300 765 226  
www.acoinfrastructure.com.au  
sales@acoaus.com.au

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



© August 2022 ACO Limited.  
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 of use are suitable. ACO Limited reserves the right to change products and specifications without notice.