

**Product Features**



Certified to AS 3996 Load Class D (240kN)  
(NATA endorsed load test reports available)



AS 1428.1 (Clause 4.4b)<sup>1</sup> compliant for wheelchair and walking cane safety



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

- Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
- **DrainLok** barless and boltless locking system
- Suitable for use with K200, KS200, H200K, H200KS channels
- Manufactured from ductile iron to AS 1831 Grade 500-7

<sup>1</sup> Dominate direction of travel parallel to the grate's length



**Specifications**

The grate shall be ACO Type 660D Iron Slotted grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 238mm and overall length of 500mm. Slot widths measure at a maximum of 12mm.

**Materials & Design**

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

- Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
- Manufactured from ductile iron to AS 1831 Grade 500-7
- Certified to AS 3996 Load Class D (240kN)<sup>1</sup>
- Meets AS 1428.1 (Clause 4.4b)<sup>2</sup>; AS 3996 (Clause 3.3.7)
- Intake area of 44,160mm<sup>2</sup> per half metre of grate

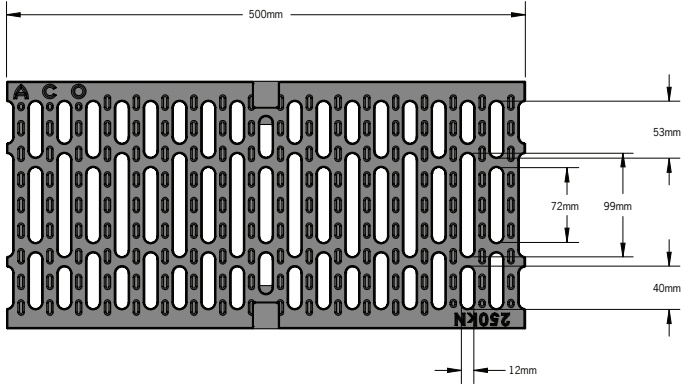
<sup>1</sup> NATA endorsed test reports available

<sup>2</sup> Dominate direction of travel parallel to the grate's length

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



**Plan view**

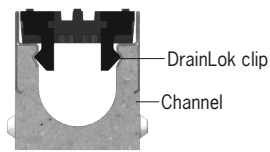


**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>DrainLok grate</b> Type 660D Iron Slotted	<b>142177</b>	500	238	12.0
Grate removal tool	<b>01318</b>	-	-	0.1

**'DrainLok' locking mechanism**



ACO **DrainLok™** is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The **DrainLok™** mechanism simply clips into the channel edge rail for rapid installation. ACO **DrainLok™** grates are fitted with an anti-shunt mechanism that restricts unwanted grate movement when installed, improving durability and longevity of the system.

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