




**Product Features**

-  Certified to AS 3996 Load Class G (900kN)  
(NATA endorsed load test reports available)
-  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 S100K, H100SK channels
- Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15



**Specifications**

The grate shall be ACO S100K/H100SK\* Iron Slotted grate with **PowerLok** boltless locking system as manufactured by ACO. This grate has an overall width of 138mm 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 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 G (900kN)<sup>1</sup>
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.6)
- Intake area of 17,420mm<sup>2</sup> per half metre of grate

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

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

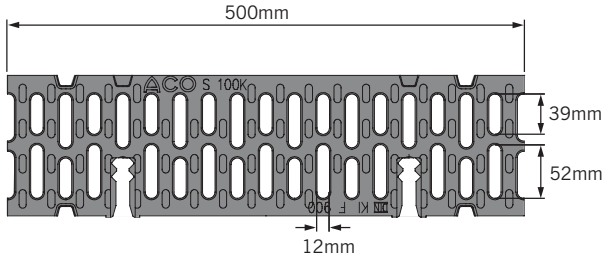
\*delete as appropriate

**ACO DRAIN®**

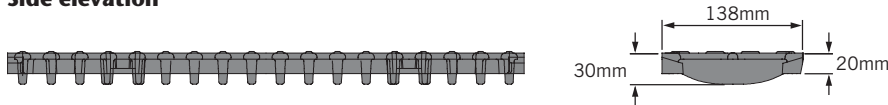
**S100K/H100SK Iron Slotted grate**



**Plan view**



**Side elevation**

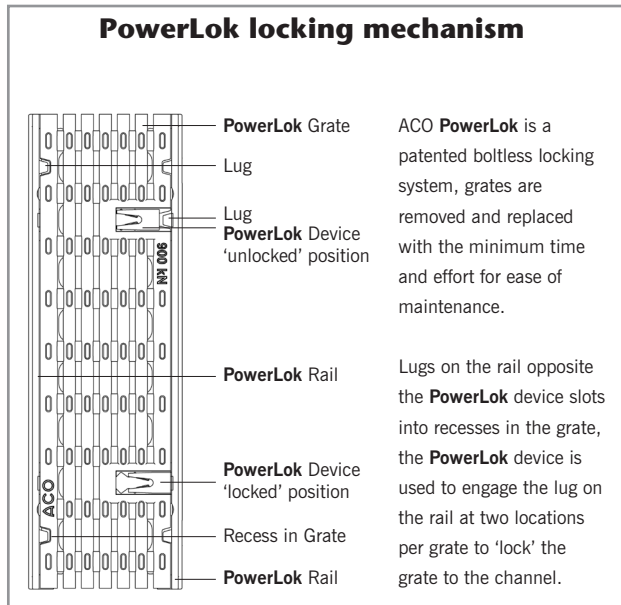


Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
PowerLok grate				
S100K/H100SK Iron Slotted	See Notes	500	138	5.6
Grate removal tool	01318	-	-	0.1
PowerLok safety clip	10443	-	-	-

**Notes:**

1. Grate and **PowerLok** device included in channel part numbers.

**PowerLok locking mechanism**



**ACO Polycrete Pty Ltd**  
**Australia**

Ph: 1300 765 226  
www.acodrain.com.au  
sales@acoaus.com.au

**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.