




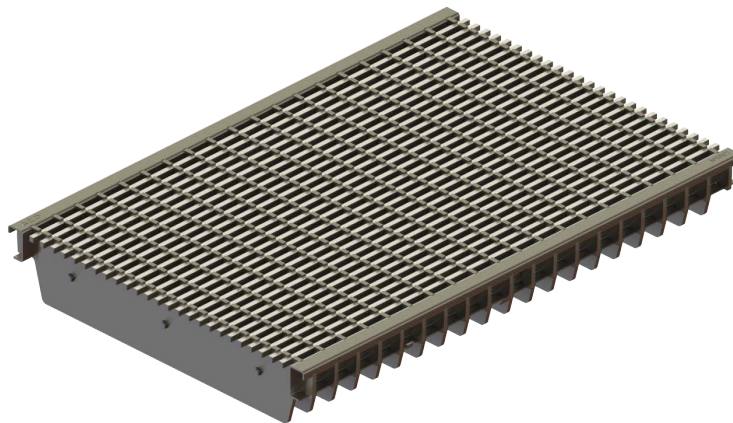




This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit [www.heelsafe.com.au](http://www.heelsafe.com.au)

**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 1428.1 (Clause 4.4b) compliant for wheelchair and walking cane safety
-  AS 3996 (Clause 3.3.7) compliant for bicycle tyre penetration resistance
  - Raised transverse bars for tread durability
  - No end bars for visual continuity
  - **DrainLok** barless and boltless locking system
  - Suitable for use with K300, KS300, H300K, H300KS channels
  - Manufactured from Grade 304 stainless steel



**Specifications**

The grate shall be ACO Type 816D Stainless Longitudinal **Heelsafe® Anti-Slip** grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 338mm and overall length of 500mm (Type 816D). Slot widths measure at a maximum of 7mm.

**Materials & Design**

The grate shall be manufactured from stainless steel and have **minimum** properties and characteristics as follows:

- Raised transverse bars for tread durability
- No end bars for visual continuity
- Manufactured from Grade 304 stainless steel
- Certified to AS 3996 Load Class D (240kN)<sup>1</sup>
- AS 4586: P5 – Slip resistance classification for Wet Pendulum Test<sup>1</sup>
- Meets AS 1428.1 (Clause 4.4b); AS 3996 (Clause 3.3.6 & 3.3.7); ASME A112.6.3 (Section 7.12)
- Intake area of 75,350mm<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/product-support>

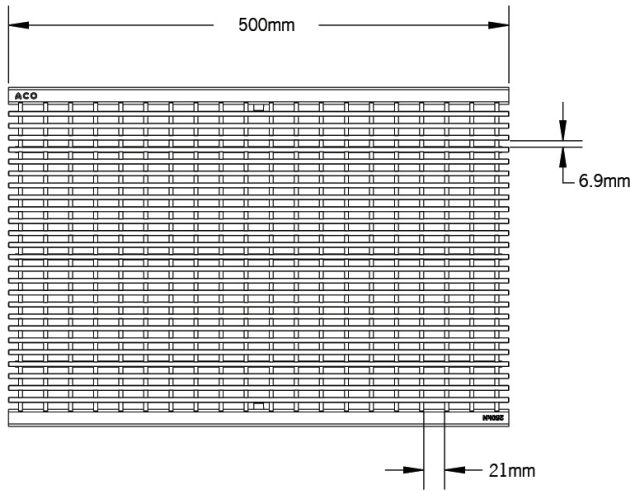
ACO Specification Information

**ACO DRAIN®**

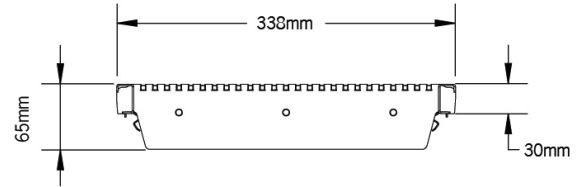
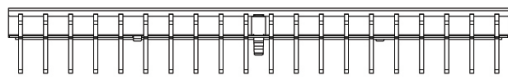
**Type 816D Stainless Longitudinal Heelsafe® Anti-Slip grate**



Plan view

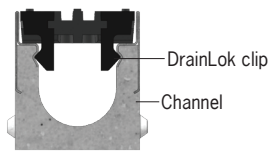


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>DrainLok grate</b>				
Type 816D Stainless Longitudinal Heelsafe® Anti-Slip	<b>143138</b>	500	338	15.7
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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