



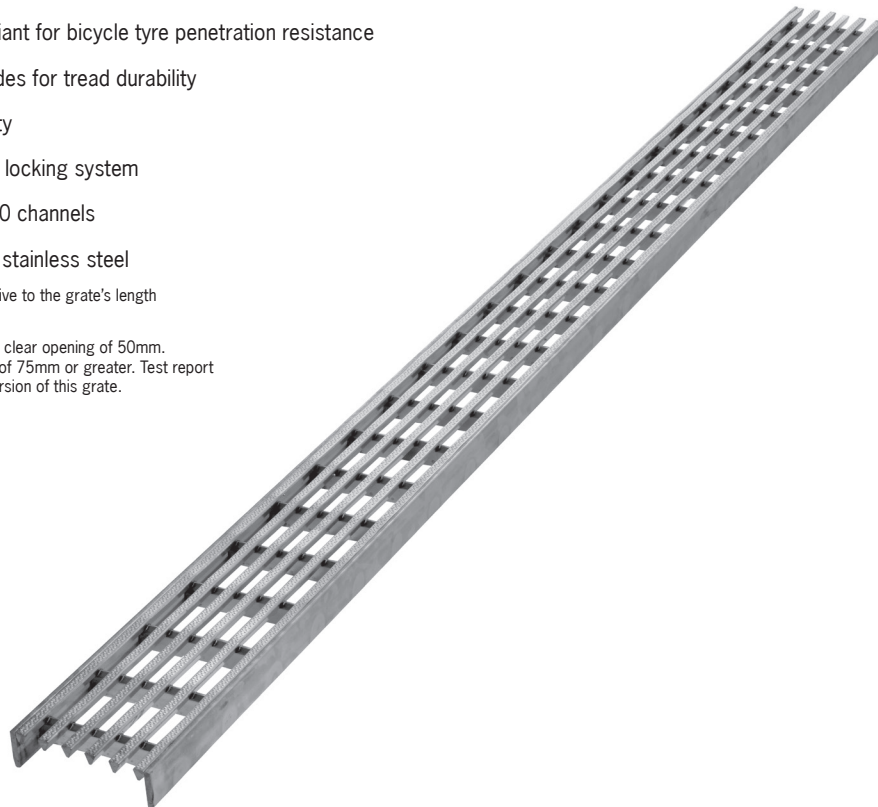
This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit [www.heelsafe.com.au](http://www.heelsafe.com.au)

**Product Features**

- B** Certified to AS 3996 Load Class B (80kN)<sup>2</sup> (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: P4 – Slip resistance classification for Wet Pendulum Test  
AS 4586: C/C<sup>1</sup> – Slip resistance classification for Wet-Barefoot Inclining Platform Test  
AS 4586: R11/R11<sup>1</sup> - 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

- Discreet raised mechanical nodes for tread durability
- No end bars for visual continuity
- **DrainLok** barless and boltless locking system
- Suitable for use with K50, KS50 channels
- Manufactured from Grade 304 stainless steel

<sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length (NATA endorsed test reports available)  
<sup>2</sup> This grate is designed for a channel with a clear opening of 50mm. AS 3996 test grates with a clear opening of 75mm or greater. Test report available for Type 443D/444D, a wider version of this grate.



**Specifications**

The grate shall be ACO Type 243D Stainless 5 Star Heelsafe® Anti-Slip grate with **DrainLok** barless and boltless system as manufactured by ACO. This grate has an overall width of 72mm and overall length of 1000mm. Slot widths measure at a maximum of 6mm.

**Materials & Design**

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

- Raised mechanical nodes for tread durability
- No end bars for visual continuity
- Manufactured from Grade 304 stainless steel
- Certified to AS 3996 Load Class B (80kN)<sup>2</sup>
- AS 4586: P4 – Slip resistance classification for Wet Pendulum Test<sup>2</sup>
- AS 4586: C/C<sup>1</sup> – Slip resistance classification for Wet-Barefoot Inclining Platform Test<sup>2</sup>
- AS 4586: R11/R11<sup>1</sup> – Slip resistance classification for Oil-Wet Inclining Platform Test<sup>2</sup>
- 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 33,600mm<sup>2</sup> per metre of grate

<sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length  
<sup>2</sup> This grate is designed for a channel with a clear opening of 50mm. AS 3996 test grates with a clear opening of 75mm or greater. Test report available for Type 443D/444D, a wider version of this grate.

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

ACO Specification Information

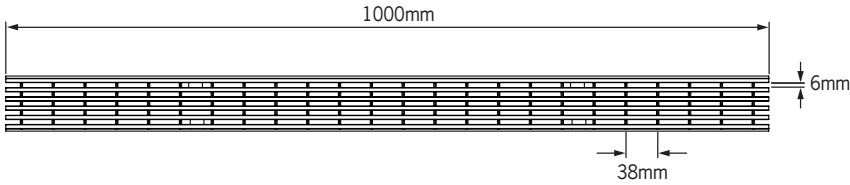


**ACO DRAIN®**

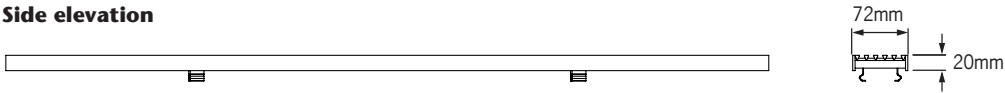
**Type 243D Stainless 5 Star Heelsafe® Anti-Slip grate**



**Plan view**

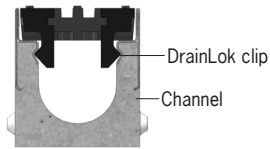


**Side elevation**



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
<b>DrainLok grate</b>				
Type 243D Stainless 5 Star <b>Heelsafe®</b> Anti-Slip	<b>142227</b>	1000	72	2.3
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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