



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

## Product Features



Certified to AS 3996 Load Class B (80kN)  
(NATA endorsed load test reports available)



AS 3996 (Clause 3.3.5) compliant for surface openings in pedestrian areas  
ASME A112.6.3 (Section 7.12) compliant - American high heel standard



AS 4586: P3 – Slip resistance classification for Wet Pendulum Test  
AS 4586: R10/R12<sup>1</sup> - Slip resistance classification for Oil-Wet Inclining Platform Test



AS 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety



AS 3996 (Clause 3.3.6) 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 K100, KS100, H100K, H100KS channels
- Manufactured from stainless steel

<sup>1</sup>: Test direction (perpendicular/parallel) relative to the grate's length  
(NATA endorsed test reports available)



## Specifications

The grate shall be ACO Type 435D Stainless Longitudinal **Heelsafe®** Anti-Slip grate with **DrainLok** barless and boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 1000mm (Type 435D) and 500mm (Type 436D). Slot widths measure at a maximum of 8mm.

### 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 B (80kN)<sup>2</sup>
- AS 4586: P3 – Slip resistance classification for Wet Pendulum Test<sup>2</sup>
- AS 4586: R10/R12<sup>1</sup> – Slip resistance classification for Oil-Wet Inclining Platform Test<sup>2</sup>
- Meets AS 1428.2 (Clause 9c); AS 3996 (Clause 3.3.5 & 3.3.6); ASME A112.6.3 (Section 7.12)
- Intake area of 45,600mm<sup>2</sup> per metre of grate/22,800mm<sup>2</sup> per half metre of grate

<sup>1</sup> Test direction (perpendicular/parallel) relative to the grate's length

<sup>2</sup> NATA endorsed test reports available

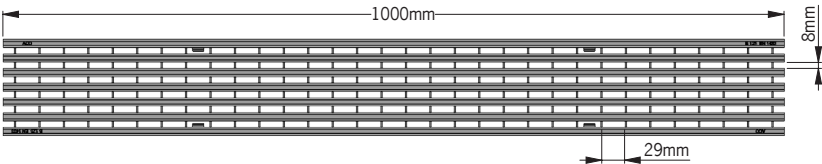
For the specification of the ACO Drain channel system selected, go to: <http://www.acodrain.co.nz/resources>

ACO DRAIN®

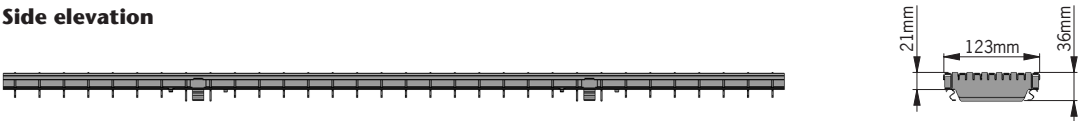
Type 435D/436D Stainless Longitudinal Heelsafe® Anti-Slip grate



Plan view

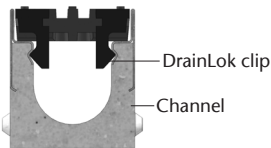


Side elevation



| Description   | Part No.      | Length (mm) | Width (mm) | Weight (kg) |
|---|---------------|-------------|------------|-------------|
| <b>DrainLok grate</b>                                       |               |             |            |             |
| Type 435D Stainless Longitudinal <b>Heelsafe® Anti-Slip</b> | <b>132556</b> | 1000        | 123        | 4.0         |
| Type 436D Stainless Longitudinal <b>Heelsafe® Anti-Slip</b> | <b>132551</b> | 500         | 123        | 2.1         |
| 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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