

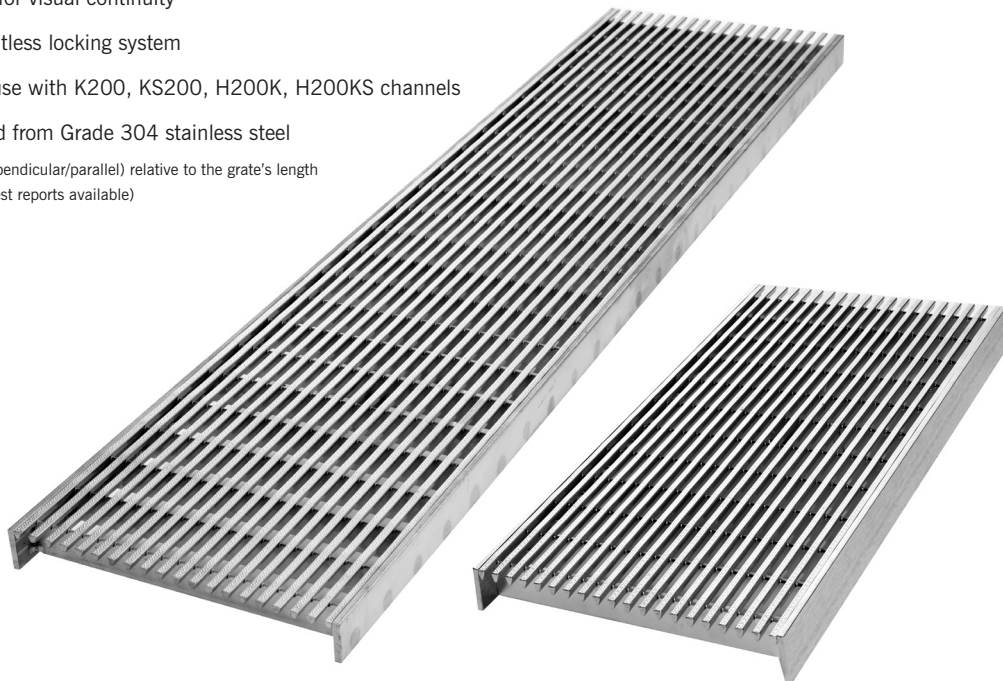


This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit www.heelsafe.com.au

Product Features

- B** 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: P4 – Slip resistance classification for Wet Pendulum Test
- AS 4586: C/C¹ – Slip resistance classification for Wet-Barefoot Inclining Platform Test
- AS 4586: R11/R11¹ – 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
- Discrete raised mechanical nodes for tread durability
- No end bars for visual continuity
- **QuickLok** boltless locking system
- Suitable for use with K200, KS200, H200K, H200KS channels
- Manufactured from Grade 304 stainless steel

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



Specifications

The grate shall be ACO Type 643Q Stainless 5 Star Heelsafe® Anti-Slip grate with **QuickLok** boltless locking system as manufactured by ACO. This grate has an overall width of 238mm and overall length of 1000mm (Type 643Q) and 500mm (Type 644Q). 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)²
- AS 4586: P4 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: C/C¹ – Slip resistance classification for Wet-Barefoot Inclining Platform Test²
- AS 4586: R11/R11¹ – Slip resistance classification for Oil-Wet Inclining Platform Test²
- 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 114,950mm² per metre of grate/57,475mm² per half metre of grate

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

² NATA endorsed test reports available

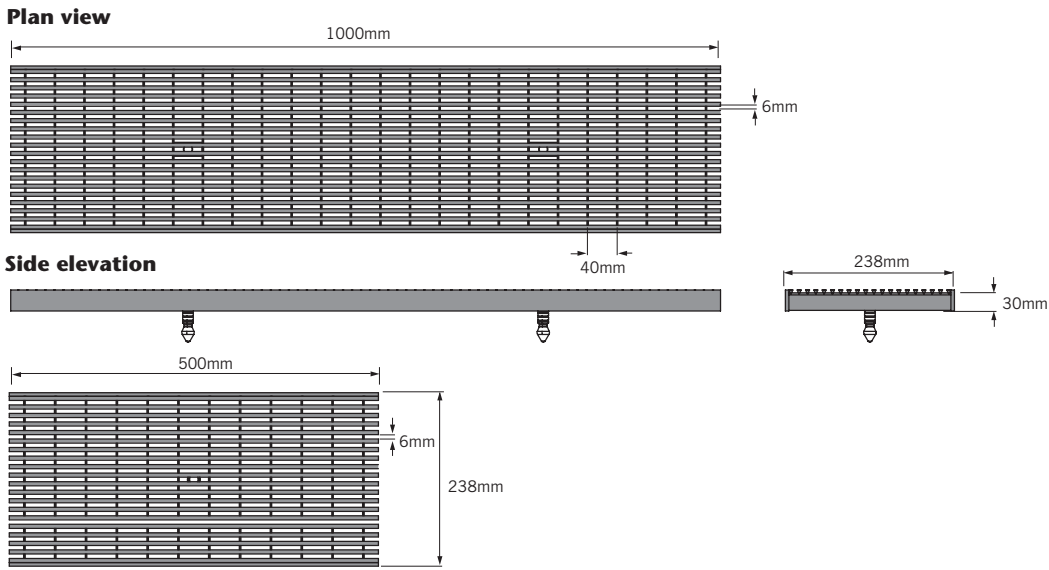
For the specification of the ACO Drain channel system selected, click: <http://www.acodrain.com.au/resources>

ACO Specification Information



ACO DRAIN®

Type 643Q/644Q Stainless 5 Star Heelsafe® Anti-Slip grate



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 643Q Stainless 5 Star Heelsafe® Anti-Slip	141187	1000	238	7.5
Type 644Q Stainless 5 Star Heelsafe® Anti-Slip	141188	500	238	3.7
QuickLok locking bar	10457	-	-	0.1
Grate removal tool	01318	-	-	0.1

QuickLok locking mechanism

ACO **QuickLok** is a patented boltless locking system, grates are removed and replaced with the minimum time and effort for ease of maintenance. The unique design provides a positive 'snap down' fit into the locking bar. A spigot is fixed to the grate which 'locks' into the spring in the locking bar.

The **QuickLok** spigot is manufactured from stainless steel and high density nylon, the locking bar and spring are stainless steel, for use in both general purpose and corrosive environments.

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