



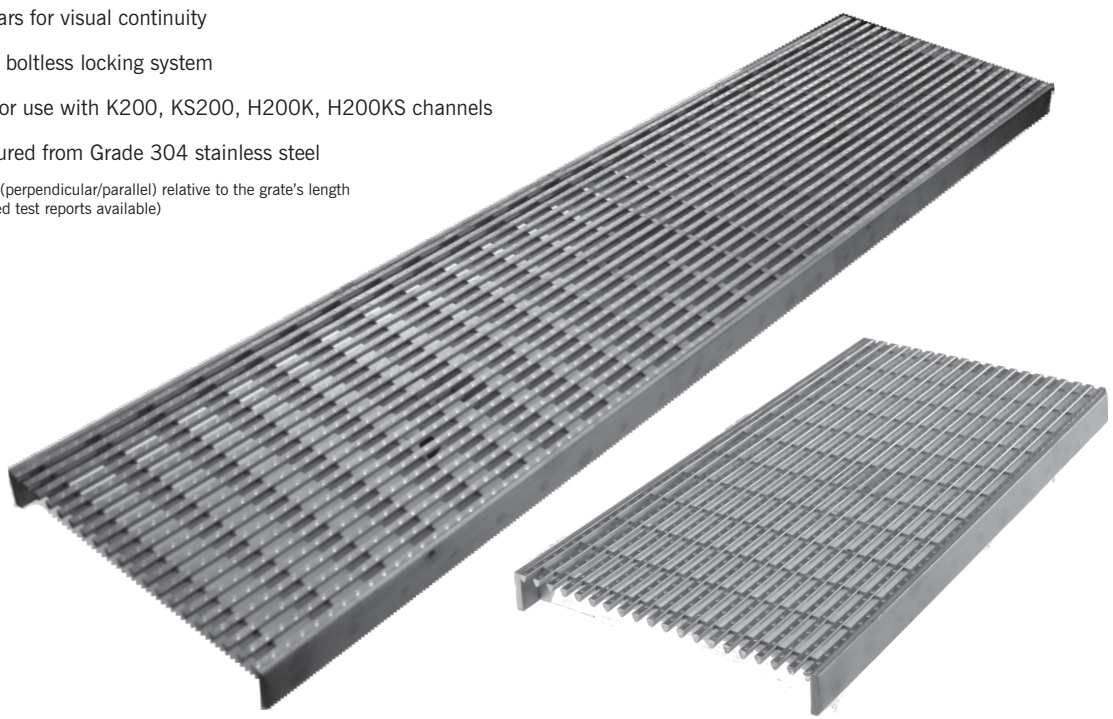
This grate is part of ACO's Heelsafe® Anti-Slip range. For more information visit www.heelsafe.com.au

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: C/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test
AS 4586: R10/R10¹ - 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 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 647Q Stainless Wedgewire 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 647Q) and 500mm (Type 648Q). 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: P3 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: C/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test²
- AS 4586: R10/R10¹ – 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

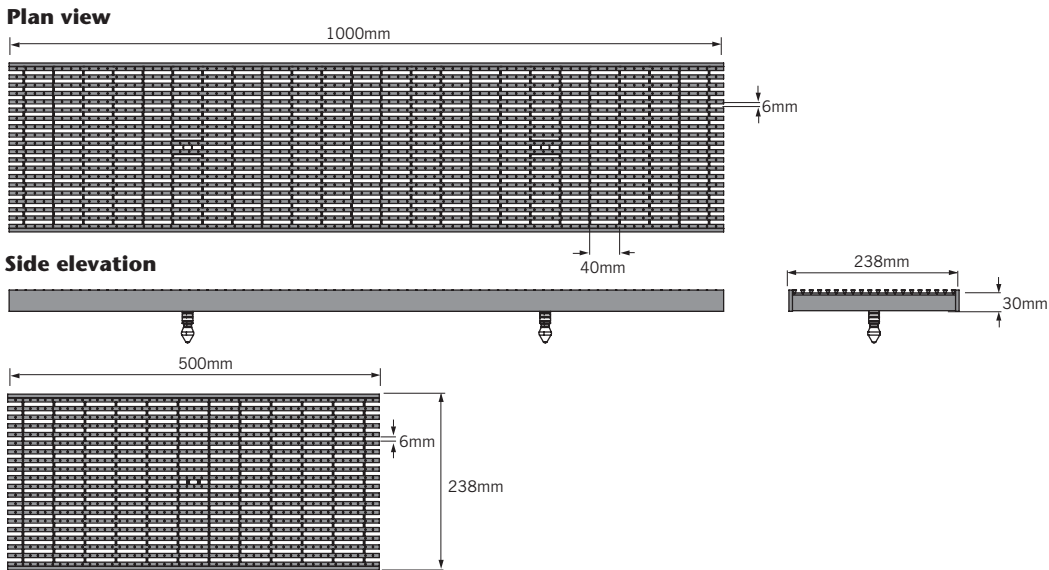
² NATA endorsed test reports available

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

ACO Specification Information

ACO DRAIN®

Type 647Q/648Q Stainless Wedgewire Heelsafe® Anti-Slip grate



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 647Q Stainless Wedgewire Heelsafe® Anti-Slip	98973	1000	238	7.5
Type 648Q Stainless Wedgewire Heelsafe® Anti-Slip	98993	500	238	3.7
QuickLok locking bar	10457	-	-	0.1
Grate removal tool	01318	-	-	0.1

QuickLok locking mechanism

Channel

Grate

QuickLok locking spigot (fixed to grate)

QuickLok locking spring (fixed to locking bar)

QuickLok locking bar (side and plan views)

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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