








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

Product Features

-  Certified to EN 1433 Load Class C 250 (kN) which is similar to AS 3996 Load Class D (210kN) (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: P5 – Slip resistance classification for Wet Pendulum Test
AS 4586: B/C¹ – Slip resistance classification for Wet-Barefoot Inclining Platform Test
AS 4586: R11/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 pattern and nodes for tread durability
- Corrosion resistant
- **QuickLok** boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from polyamide

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



Specifications

The grate shall be ACO Type 492Q Composite Slotted Heelsafe® Anti-Slip grate with QuickLok boltless locking system as manufactured by ACO. This grate has an overall width of 123mm and overall length of 500mm. Slot widths measure at a maximum of 8mm.

Materials & Design

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

- Raised pattern and nodes for tread durability
- Corrosion resistant
- Manufactured from polyamide
- Certified to EN 1433 Load Class C 250 (kN)² which is similar to AS 3996 Load Class D (210kN)
- AS 4586: P5 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: B/C¹ – Slip resistance classification for Wet-Barefoot Inclining Platform Test²
- AS 4586: R11/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 14,310mm² 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

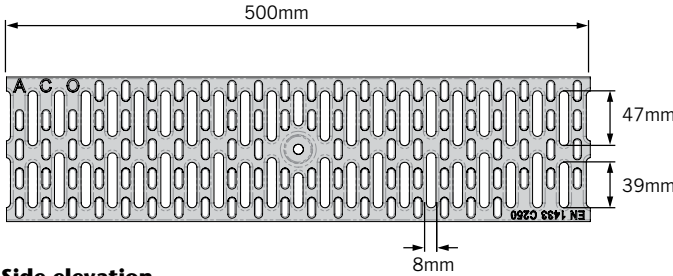


ACO DRAIN®

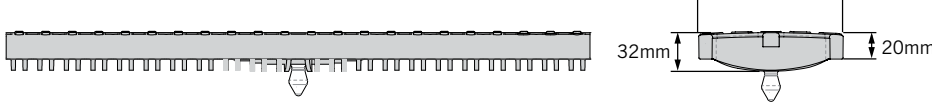
Type 492Q Composite Slotted Heelsafe® Anti-Slip grate



Plan view

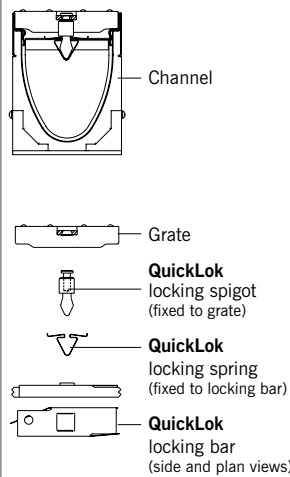


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate				
Type 492Q Composite Slotted Heelsafe® Anti-Slip	31710	500	123	1.0
QuickLok locking bar	02899	-	-	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.

**ACO Polycrete Pty Ltd
Australia**

Ph: 1300 765 226
www.acodrain.com.au
sales@acoaus.com.au

**ACO Limited
New Zealand**

Ph: 0800 448 080
www.acodrain.co.nz
sales@aconz.co.nz



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