








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 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: P2 – Slip resistance classification for Wet Pendulum Test
AS 4586: R10/R9¹ - 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
 - Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
 - **QuickLok** boltless locking system
 - Suitable for use with K200, KS200, H200K, H200KS channels
 - Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15
- ¹ Test direction (perpendicular/parallel) relative to the grate's length (NATA endorsed test reports available)



Specifications

The grate shall be ACO Type 678Q Iron Intercept 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 500mm. Slot widths measure at a maximum of 7mm.

Materials & Design

The grate shall be manufactured from ductile iron and have minimum properties and characteristics as follows:

- Recesses in the edge rail fit around 'anti-shunt' lugs on the grate to prevent longitudinal movement
- Manufactured from ductile iron to ASTM A536-84 Grade 65-45-12 which is similar to AS 1831 Grade 400-15
- Certified to AS 3996 Load Class D (210kN)²
- AS 4586: P2 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: R10/R9¹ – 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 25,300mm² 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

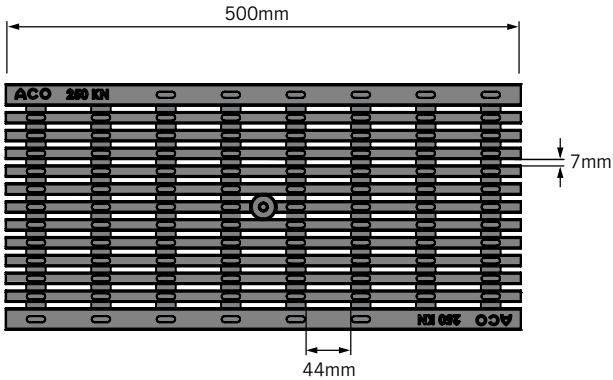


ACO DRAIN®

Type 678Q Iron Intercept Heelsafe® Anti-Slip grate



Plan view

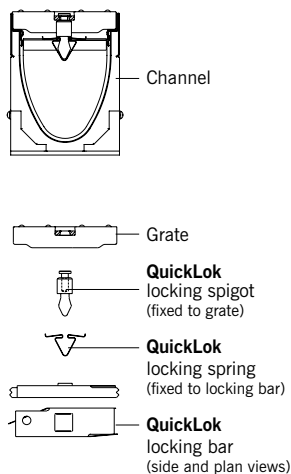


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
QuickLok grate Type 678Q Iron Intercept Heelsafe® Anti-Slip	95038	500	238	10.0
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, 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



© August, 2016 ACO Polycrete Pty Ltd. All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions are suitable. ACO Polycrete Pty Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.