



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 A (10kN)
(NATA endorsed 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/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test
AS 4586: R9/R10¹ - Slip resistance classification for Oil-Wet Inclining Platform Test



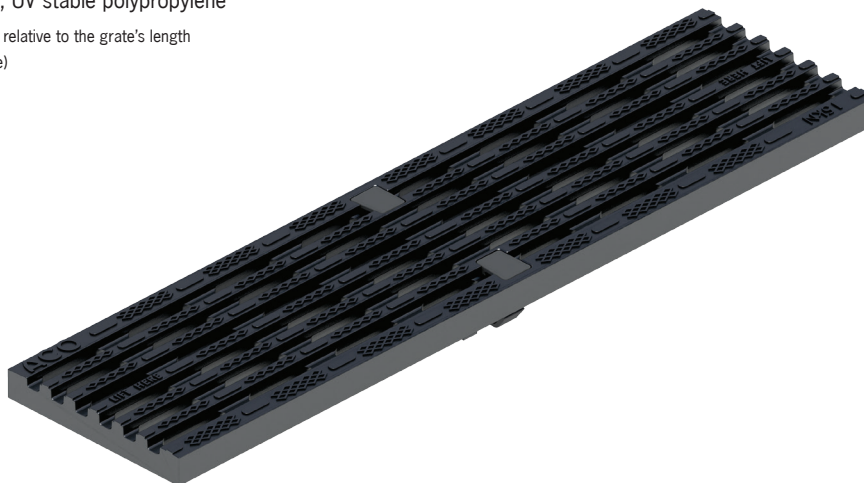
AS 1428.2 (Clause 9c) compliant for wheelchair and walking cane safety



AS 3996 (Clause 3.3.6) compliant for bicycle tyre penetration resistance

- Raised pattern and nodes for tread durability
- Corrosion resistant
- **DrainLok** barless and boltless locking system
- Suitable for use with K100, KS100, H100K, H100KS channels
- Manufactured from durable, UV stable polypropylene

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



Specifications

The grate shall be ACO Type 494D/495D* Black/Grey* Plastic Intercept **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 500mm. Slot widths measure at a maximum of 9mm.

Materials & Design

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

- Raised pattern and nodes for tread durability
- Corrosion resistant
- Manufactured from UV stable polypropylene
- Certified to AS 3996 Load Class A (10kN)²
- AS 4586: P4 – Slip resistance classification for Wet Pendulum Test²
- AS 4586: C/B¹ - Slip resistance classification for Wet-Barefoot Inclining Platform Test²
- AS 4586: R9/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 18,065mm² 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>

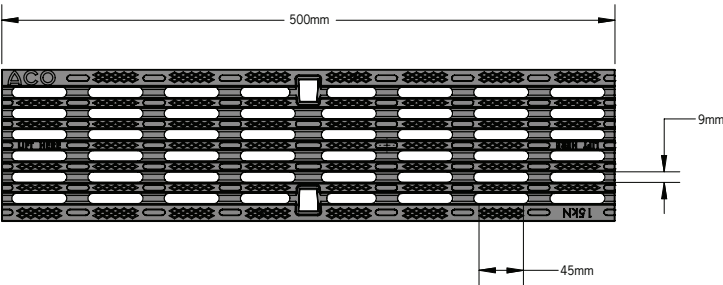
*delete as appropriate

ACO DRAIN®

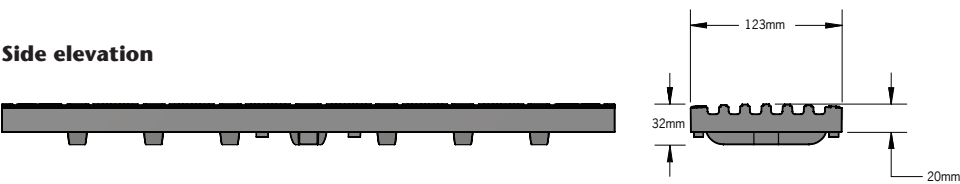
Type 494D/495D Black/Grey Plastic Intercept Heelsafe® Anti-Slip grate



Plan view

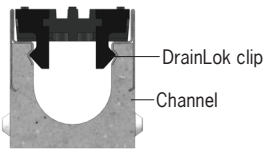


Side elevation



Description	Part No.	Length (mm)	Width (mm)	Weight (kg)
DrainLoc grate				
Type 494D Black Plastic Intercept Heelsafe® Anti-Slip	142459	500	123	0.8
Type 495D Grey Plastic Intercept Heelsafe® Anti-Slip	142460	500	123	0.8
Grate removal tool	01318	-	-	0.1

'DrainLoc' locking mechanism



ACO DrainLoc™ is a patented, boltless locking system that removes the need for bolts and bars and improves the hydraulic capacity of the channel. The DrainLoc™ mechanism simply clips into the channel edge rail for rapid installation. ACO DrainLoc™ 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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SPEC INFO
ACO

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www.askACO.nz/acodrain/