



## INSTALLATION SELECTION INFORMATION

**1**

Your Selection Information

Grate Description

Type 480D Wave Ductile Iron Grate

Pavement Finish

Southwest

**2**

Additional Information  
based on your selection

Load Class

C - 56,000lbs - 1,162 psi

Length(s)

19.69" (500 mm)

Channel System

KlassikDrain K100, KS100; SlabDrain H100-8, H100-10, H100K-8

Part No.

99578

Note: The information is for grate only. Channels sold separately.

### ACO Polymer Products, Inc.

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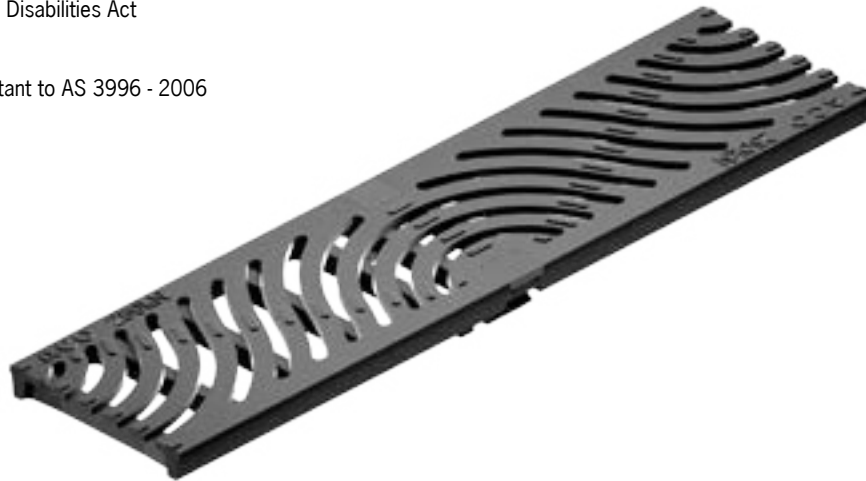
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**Product Features**

- Certified to EN 1433 Load Class C - 56,000 lbs - 1,162 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Suitable for use with H100-8, H100-10 and FG100 channels if anti-shunt lugs on underside of grate are removed
- Manufactured from ductile iron to ASTM A 536-84 - Grade 65-45-12
- E- coated for improved resistance against rust
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



ACO Specification Information

**Specifications**

**General**

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels\*, complete with ACO Type 480D Wave ductile iron grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

**Materials**

The covers shall be manufactured from ductile iron and have **minimum** properties as follows:

- **Independently certified to meet Load Class C to EN 1433 - 56,000 lbs - 1,162 psi**
- **Ductile iron to ASTM A 536-84 - Grade 65-45-12**
- **Intake area of 27.0 sq. in. (174.19 cm<sup>2</sup>) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 19.69" (500mm). Slots measure at 0.27" (6.85mm) by 2.4" (60.96mm).

**Installation**

The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

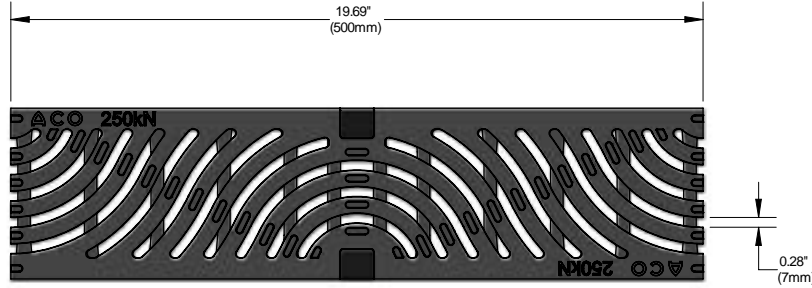
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# ACO DRAIN

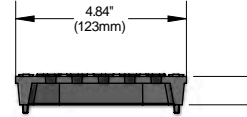
## Type 480D Wave ductile iron grate (ADA)



Plan view

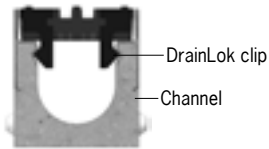


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grate</b> Type 480D Ductile iron wave grate	<b>99578</b>	19.69 (500)	4.84 (123)	8.0

### 'DrainLok' locking mechanism



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