

**Type 492D/497D/498D Slotted plastic grate**

**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
- Manufactured from durable UV stable resin composite
- Excellent resistance to chemicals
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates
- Bicycle Tire Penetration Resistant to AS3996-2006



ACO Specification Information

**Specifications**

**General**

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels\*, complete with ACO Type 492D/497D/498D Slotted resin composite grate with 'DrainLok' locking as manufactured by ACO, Inc. or similar approved.

**Materials**

The covers shall be manufactured from resin composite and have **minimum** properties as follows:

- **Independently certified to meet Load Class C to EN 1433 - 56,000 lbs - 1,162 psi**
- **UV stable resin composite**
- **Intake area of 22.2 sq. in. (143.15 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 1.69" (42.92mm) by 0.3" (7.62mm).

**Installation**

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

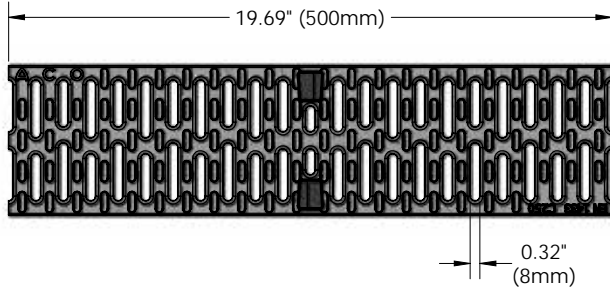
\* delete as appropriate

# ACO DRAIN

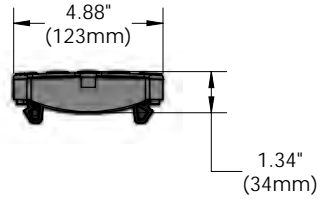
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Plan view

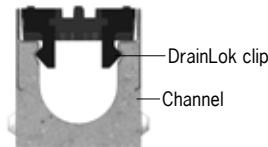


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>DrainLok grate</b>				
Type 492D black slotted plastic grate	<b>132720</b>	19.69 (500)	4.84 (123)	2.2
Type 497D gray slotted plastic grate	<b>132266</b>	19.69 (500)	4.84 (123)	2.2
Type 498D tan slotted plastic grate	<b>132712</b>	19.69 (500)	4.84 (123)	2.2

### '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.

ACO Specification Information

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