



INSTALLATION SELECTION INFORMATION

1

Your Selection Information

Grate Description

Type 492D Slotted Plastic Black Grate

Pavement Finish

Concrete

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.

132720

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

ACO Polymer Products, Inc.

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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



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 Polymer Products, 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 cm²) 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

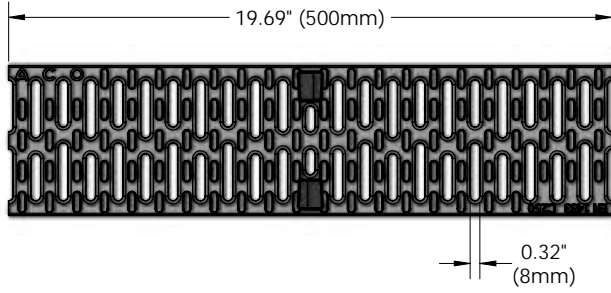
ACO Specification Information

ACO DRAIN

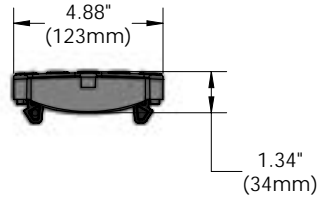
Type 492D/497D/498D Slotted plastic grate



Plan view



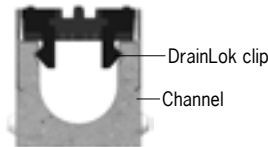
Side elevation



ACO Specification Information

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

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