



INSTALLATION SELECTION INFORMATION

1

Your Selection Information

Grate Description

Type 420D/421D Galvanized Steel Slotted Grate

Pavement Finish

Southwest

2

Additional Information
based on your selection

Load Class

A - 3,500lbs - 70 psi

Length(s)

39.37" (1000 mm) / 19.69" (500 mm)

Channel System

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

Part No.

12610 / 12611

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

ACO Polymer Products, Inc.

West Sales Office
825 W. Beechcraft St.
Casa Grande, AZ 85122
Tel: (520) 421-9988
Toll Free: (888) 490-9552
Fax: (520) 421-9899

Northeast Sales Office
9470 Pinecone Drive
Mentor, OH 44060
Tel: (440) 639-7230
Toll Free: (800) 543-4764
Fax: (440) 639-7235

Southeast Sales Office
4211 Pleasant Road
Fort Mill, SC 29708
Toll Free: (800) 543-4764
Fax: (803) 802-1063

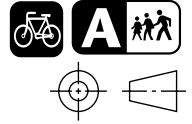
Electronic Contact:

info@acousa.com
www.acousa.com

Follow us on:

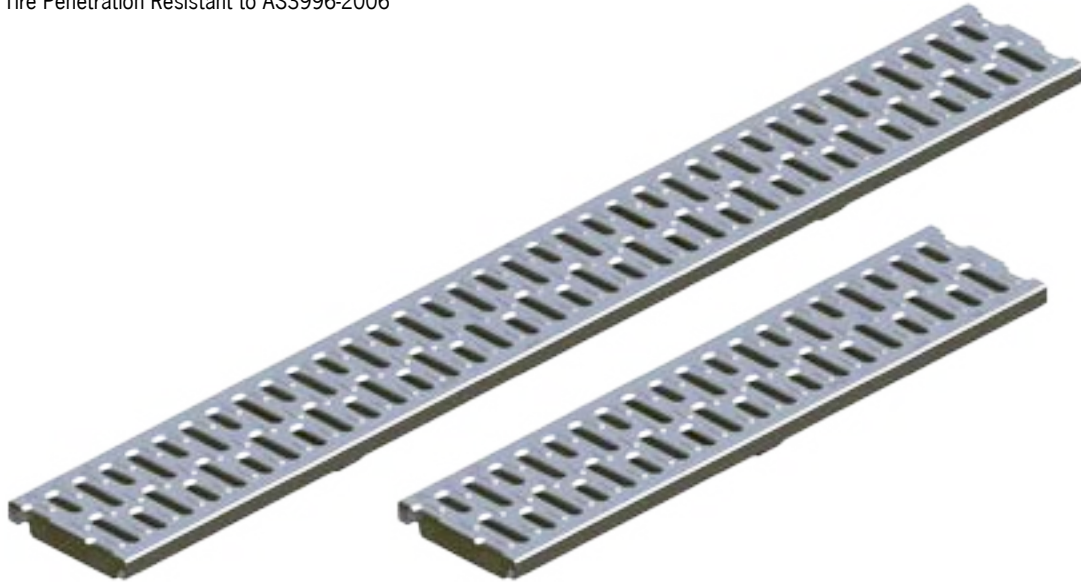


Type 420D/421D Slotted galvanized steel grate



Product Features

- Certified to EN 1433 Load Class A - 3,500 lbs - 70 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 channels
- Manufactured from 16 gauge, galvanized steel
- 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 420D/421D Slotted galvanized steel grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The covers shall be manufactured from galvanized steel and have **minimum** properties as follows:

- **Independently certified to meet Load Class A to EN 1433 - 3,500 lbs - 70 psi**
- **16 gauge galvanized steel**
- **Intake area of 17.6 sq. in. (113.5 cm²) per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 420D) and 19.69" (500mm) (Type 421D). Slots measure 1.46" (37.08mm) by 0.38" (10mm).

Installation

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

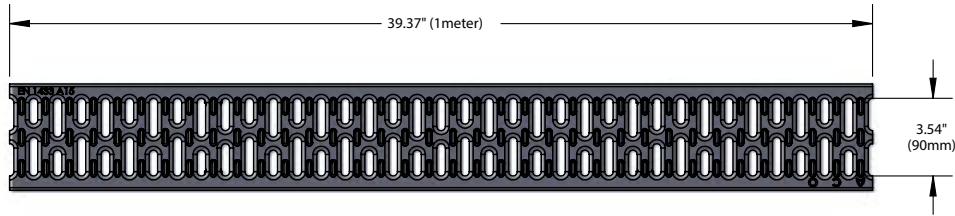
* delete as appropriate

ACO DRAIN

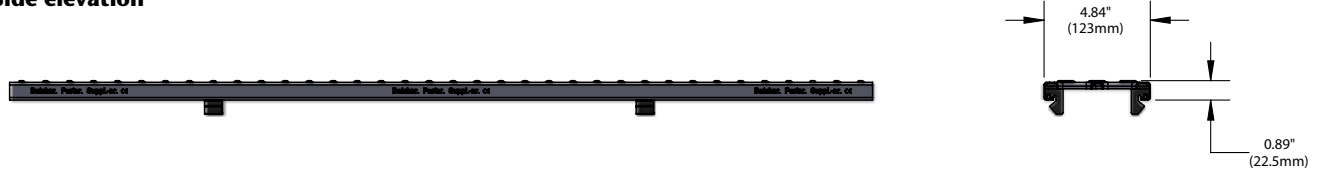
Type 420D/421D Slotted galvanized steel grate



Plan view



Side elevation



| Description | Part No. | Length inches (mm) | Width inches (mm) | Weight lbs. |
|------------------------------------|--------------|--------------------|-------------------|-------------|
| DrainLok grates | | | | |
| Type 420D Slotted galvanized grate | 12610 | 39.37 (1000) | 4.84 (123) | 5.9 |
| Type 421D Slotted galvanized grate | 12611 | 19.69 (500) | 4.84 (123) | 3.0 |

'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.

ACO Polymer Products, Inc.

Northeast Sales Office

9470 Pinecone Drive
Mentor, OH 44060
Tel: (440) 639-7230
Toll free: (800) 543-4764
Fax: (440) 639-7235

West Sales Office

825 W. Beechcraft St.
Casa Grande, AZ 85122
Tel: (520) 421-9988
Toll Free: (888) 490-9552
Fax: (520) 421-9899

Southeast Sales Office

4211 Pleasant Road
Fort Mill, SC 29708
Toll free: (800) 543-4764
Fax: (803) 802-1063

Follow us on



Electronic Contact:

info@ACODrain.us
www.ACODrain.us



© August 2017 ACO Polymer Products, Inc. This information is believed to be accurate but it is not guaranteed to be so. We cannot assume liability for results that buyer obtains with our product since conditions of use are beyond the control of the company. It is the customer's responsibility to evaluate suitability and safety of product for his own use. ACO Polymer Products Inc. reserves the right to change the product and specifications without notice.