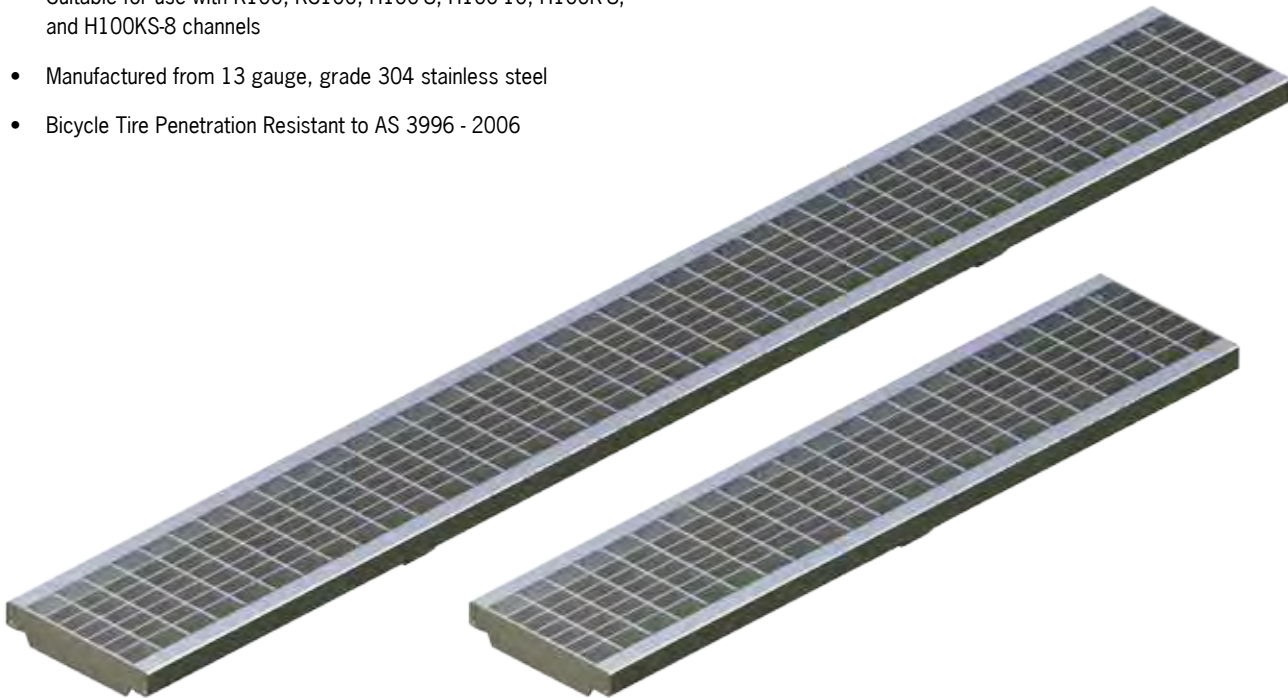


Type 430D/431D Stainless steel mesh grate (ADA)

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, H100-8, H100-10, H100K-8, and H100KS-8 channels
- Manufactured from 13 gauge, grade 304 stainless steel
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K100, KS100, H100-8, H100-10, H100K-8, and H100KS-8 channels* complete with ACO Type 430D/431D Mesh stainless steel grate with 'DrainLok' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

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

- **Independently certified to meet Load Class C to EN 1433 - 56,000 lbs - 1,162 psi**
- **13 gauge, Grade 304 stainless steel**
- **Intake area of 58 sq. in. per half meter of grate**

The overall width of 4.84" (123mm) and overall length of 39.37" (1000mm) (Type 430D) and 19.69" (500mm) (Type 431D). Slots measure 0.50" (12.7mm) by 1.20" (30mm).

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 430D/431D Stainless steel mesh grate (ADA)



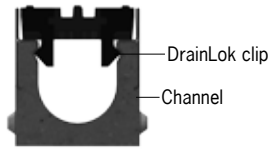
Plan view

Side Elevation

ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grates				
Type 430D Mesh stainless steel grate	12648	39.37 (1000)	4.84 (123)	7.8
Type 431D Mesh stainless steel grate	12649	19.69 (500)	4.84 (123)	3.9st

'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



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