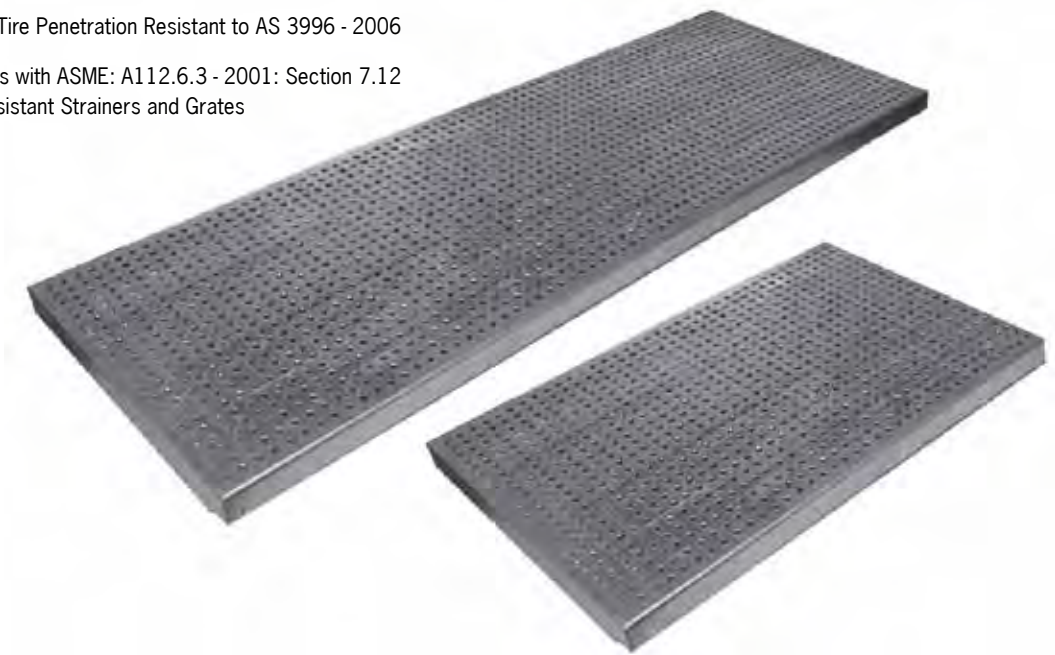


Product Features

- Certified to EN 1433 Load Class B - 28,000 lbs - 483 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K300, KS300, and H300K-13 channels
- Manufactured from 16 gauge galvanized steel
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS 3996 - 2006
- Complies with ASME: A112.6.3 - 2001: Section 7.12 Heel Resistant Strainers and Grates



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO Drain K300, KS300, and H300K-13, channels* complete with ACO Type 811D/813D perforated galvanized steel grate with 'DrainLok' locking as manufactured by ACO, 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 B to EN 1433 - 28,000 lbs - 483 psi**
- **16 gauge galvanized steel**
- **Intake area of 31.9 sq. in. (205.81 cm²) per half meter of grate**

The overall width of 13.35" (339mm) and overall length of 39.37" (1000mm) (Type 811D) and overall length of 19.69" (500mm) (Type 813D). Perforations measure 0.25" (6.4mm) in diameter.

Installation

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

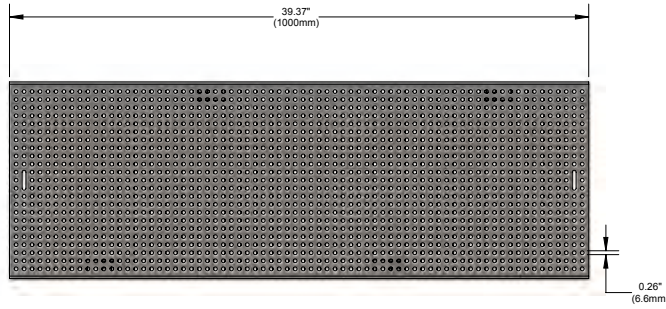
* delete as appropriate

ACO DRAIN

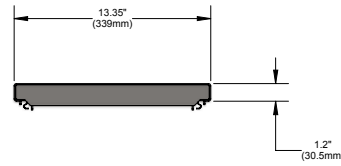
Type 811D/813D Perforated galvanized steel grate



Plan view



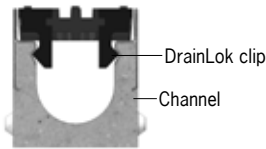
Side elevation



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
DrainLok grate				
Type 811D Perforated galvanized steel grate	138090	39.37 (1000)	13.35 (339)	30.9
Type 813D Perforated galvanized steel grate	138091	19.69 (500)	13.35 (339)	15.0

'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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