

## INSTALLATION SELECTION INFORMATION

**1**

Your Selection Information

Grate Description

Type 438D/437D Longitudinal Galvanized Steel Grate

Pavement Finish

Southwest

**2**

Additional Information  
based on your selection

Load Class

B - 28,00lbs - 581 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.

132555 / 132550

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

### ACO Polymer Products, Inc.

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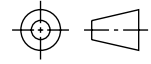
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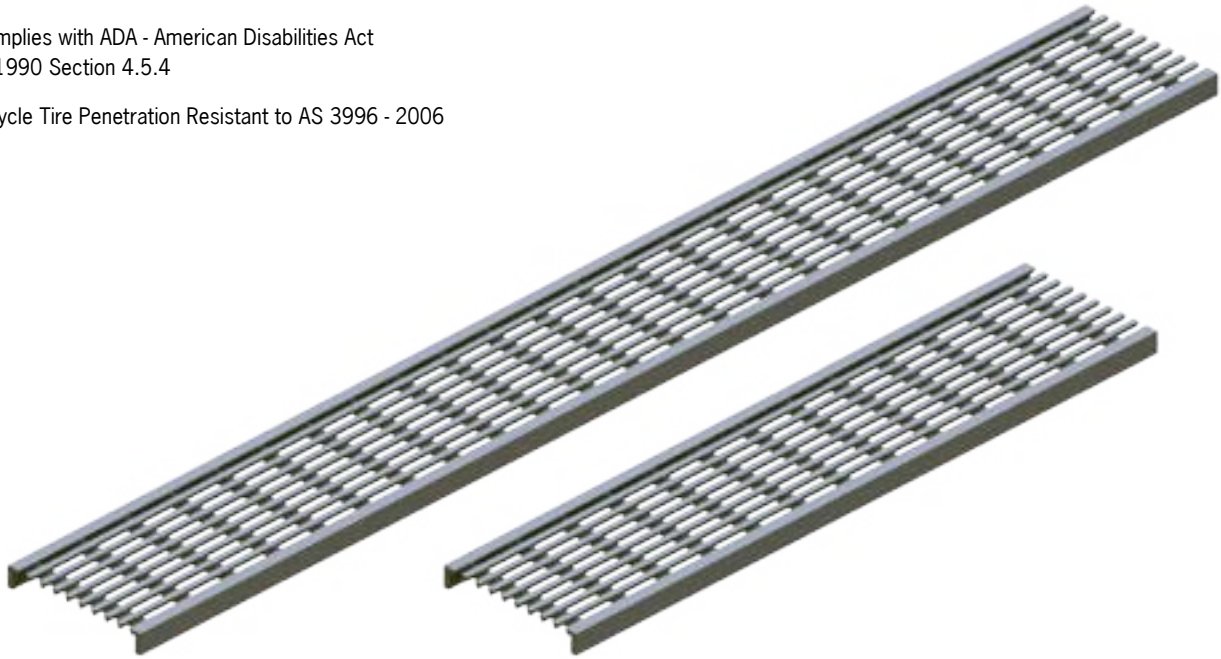
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**Product Features**

- Certified to EN 1433 Load Class B - 28,000 lbs - 581 psi
- Uses 'DrainLok' boltless locking system
- Suitable for use with K100, KS100, and H100K-8 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



ACO Specification Information

**Specifications**

**General**

The surface drainage system shall be ACO Drain K100, KS100, and H100K-8 channels, complete with ACO Type 438D/437D longitudinal 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 B to EN 1433 - 28,000 lbs - 581 psi**
- **16 gauge galvanized steel**
- **Intake area of 33.0 sq. in. (212.90 cm<sup>2</sup>) per half meter of grate**

The overall width of 4.84" (123 mm) and overall length of 39.37" (1000 mm) (Type 438D) and 19.69" (500 mm) (Type 437D). Slots measure 1.15" x 0.3" (29.21 mm x 7.62 mm).

**Installation**

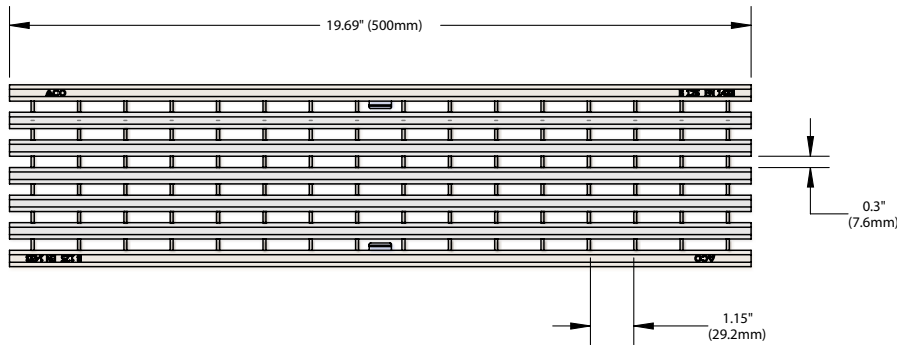
The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.

# ACO DRAIN

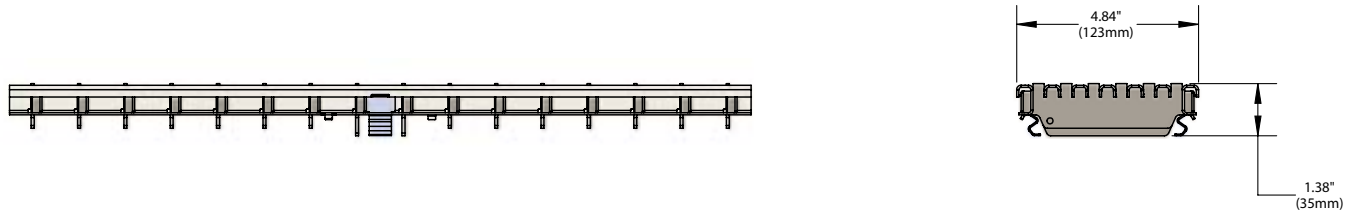
## Type 438D/437D Galvanized steel longitudinal grate (ADA)



Plan view

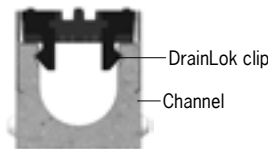


Side elevation



Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
<b>PowerLok grate</b>				
Type 438D Galvanized steel longitudinal grate	<b>132555</b>	39.37" (1000)	4.84 (123)	10.0
Type 437D Galvanized steel longitudinal grate	<b>132550</b>	19.69" (500)	4.84 (123)	4.2

### '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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