



Product Features

- Certified to EN 1433 Load Class F - 200,000 lbs - 3,481 psi
- Uses '4-bolt' boltless locking system
- Suitable for use with S300K and H300SK-13 channels
- Manufactured from ductile iron to ASTM A 536-84 - Grade 65-45-12
- Bicycle Tire Penetration Resistant to AS 3996 - 2006



ACO Specification Information

Specifications

General

The surface drainage system shall be ACO PowerDrain or SlabDrain, complete with ACO 4 Bolt iron grate with '4-bolt' locking as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The covers shall be manufactured from ductile iron and have **minimum** properties as follows:

- **Independently certified to meet Load Class F to EN 1433 - 200,000 lbs - 3,481psi**
- **Ductile iron to ASTM A 536-84 - Grade 65-45-12**
- **Intake area of 115.5 sq. in. (745.12 cm²) per half meter of grate**

The overall width of 13.25" (336mm) and overall length of 19.69" (500mm). Slots measure at 0.71"(18.03mm) by 3.75" (95.25mm).

Installation

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

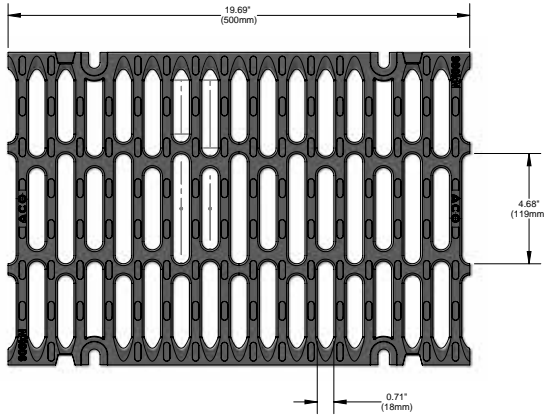
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ACO DRAIN

S300K 4-Bolt ductile iron grate



Plan view



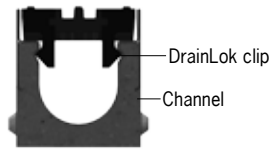
Side elevation



ACO Specification Information

Description	Part No.	Length inches (mm)	Width inches (mm)	Weight lbs.
4-Bolt grate 4-bolt ductile iron grate	99592	19.69 (500)	13.25 (336)	50.2

'4-Bolt' 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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