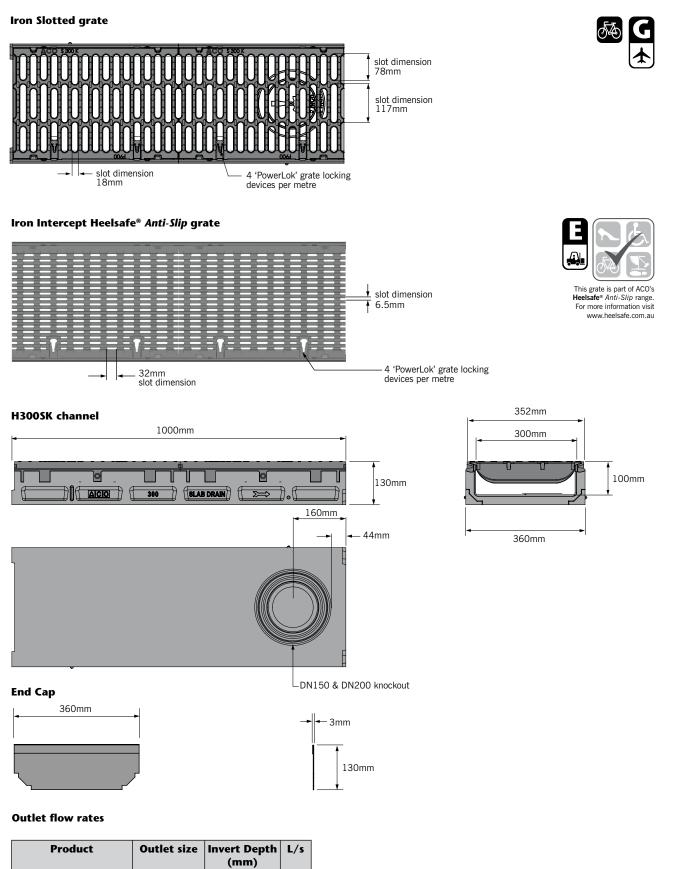
# SlabDrain - H300SK Iron edge rail channel system



Note: These are the pipe flow rates at the specified outlet,  $\ensuremath{\text{NOT}}$  channel flow rates.

150mm round

200mm round

100

100

15.3

27.2

H300SK

H300SK





## **ACO DRAIN®**

# SlabDrain - H300SK Iron edge rail channel system

Description	Part No.	Invert <sup>2</sup> (mm)	Weight (kg)
H300SK Neutral channel with iron slotted grate - (1m)	141801	100	82.7
H300SK Neutral channel with iron intercept Heelsafe® Anti-Slip grate - (1m)	141802	100	72.3
End cap	93470	130 <sup>3</sup>	0.6
Grate removal tool	01318	-	0.1
PowerLok safety clip	10443	-	-

Notes:

1. Channel and grate assembly come complete.

2. To calculate overall channel depth add 30mm to invert depth.

3. Overall depth of end cap.

## Specifications

### General

The surface drainage system shall be ACO's SlabDrain H300SK polymer concrete shallow channel system with ductile iron edge rails as manufactured by ACO.

#### Materials

H300SK channels shall be manufactured from polyester resin polymer concrete with integrally cast-in ductile iron edge rails. Properties of polymer concrete will be as follows with supporting documentation:

98 MPa

Compressive Strength:

Flexural Strength:	26 MPa
Tensile Strength:	14 MPa
Water Absorption:	0.07%
Frost Proof:	YES
Coefficient of Expansion/	
Contraction:	2.02x10 <sup>-5</sup> /°C
Water Vapour Transmission:	0.0364g/m <sup>2</sup>
Non Flammable:	YES
Roughness (Mannings):	n=0.011
Resistant to Weathering:	YES
Dilute Acid and Alkali Resistant:	YES
SF Sealant Groove:	YES

### Channels

H300SK channel shall be 300mm nominal internal width with an overall width of 360mm. Channels shall have an overall depth of 130mm use in areas with depth restrictions. All channels shall be interlocking with a male/female joint.

#### Grates

Insert specification for the selected grate. Refer to the relevant ACO Specification Information sheet, click: http://www.acodrain.com.au/resources

### Installation

The complete drainage system shall be by ACO and to be installed for its intended purpose. Any deviation or partial use of the specified system and/or improper installation will void all warranties provided by ACO.

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