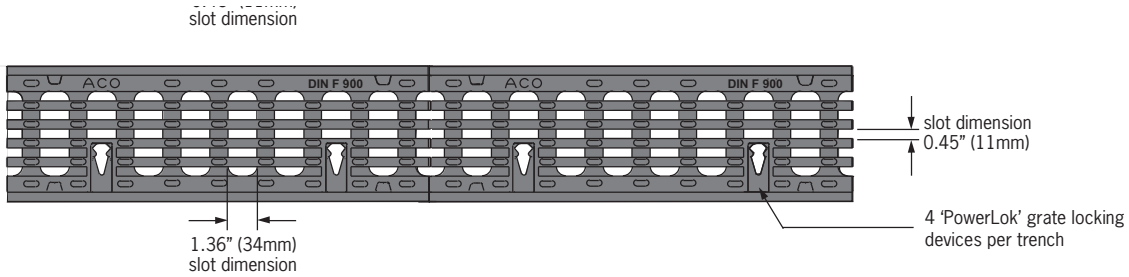


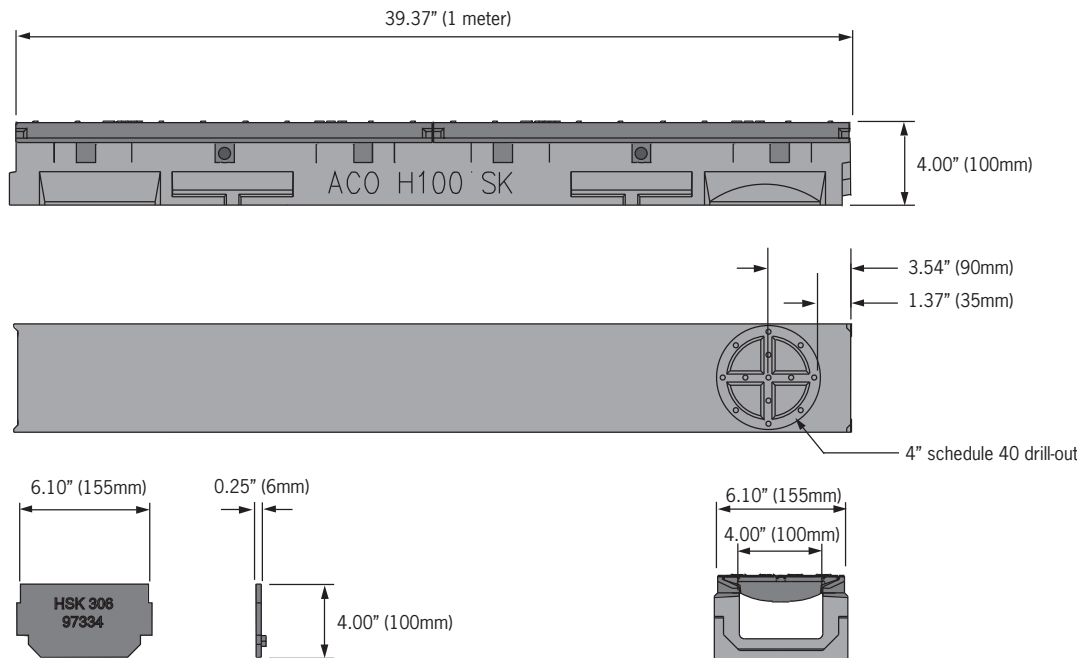
SlabDrain - H100SK-10 iron edged channel with longitudinal grate (ADA)



Grate



H100SK-10



Outlet flow rates

Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
H100SK-10 channel	4" round	2.95	93	0.21

Note: These are the pipe flow rates at the specified outlet, NOT channel flow rates.

ACO Specification Information

ACO DRAIN

SlabDrain - H100SK-10 iron edged channel with longitudinal grate (ADA)



ACO Specification Information

Description	Part No.	Invert Depth		Weight lbs.
		inches	mm	
H100SK-10 - Polyester Polymer Concrete				
H100SK-10 Neutral channel - 39.37" (1m) complete with ADA ductile iron grate	93411	2.95	75	72.1
H100SK closing cap	97310	2.95	75	1.0
Debris strainer for 4" bottom KO	93488	-	-	0.2
Grate removal tool	01318	-	-	0.3

Notes:

1. H100SK-10 is sold complete. i.e.; channel with grate
2. Add nominal 1.0" (25mm) to invert depth for overall channel depth
3. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
4. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)
5. Water intake per meter channel is 50.4 in² (325.16 cm²)

Specifications

General

The surface drainage system shall be ACO Drain SlabDrain H100SK-10 complete with longitudinal ADA compliant gratings secured with 'PowerLok' locking as manufactured by ACO Polymer Products, Inc. or equal approved.

Materials

The trench system bodies shall be manufactured from polyester polymer concrete with minimum properties as follows:

- Compressive strength: 14,000 psi
- Flexural strength: 4,000 psi
- Water absorption 0.07%
- Frost proof
- Salt proof
- Dilute acid and alkali resistant

The nominal clear opening shall be 4.00" (100mm) with overall width of 6.10" (155mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.67" (16mm). Each unit will feature a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The ductile iron edge rail will be integrally cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 1/4" (6mm) thick.

Grates

ADA compliant ductile iron grates shall be independently certified to meet Load Class F to EN 1433 - 200,000 lbs or able to withstand 4,182 psi. After removal of grates there shall be uninterrupted access to the trench to aid maintenance.

Installation

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

ACO Polymer Products, Inc.

Northeast Sales Office
 P.O. Box 245
 Chardon, OH 44024
 Tel: (440) 285-7000
 Toll free: (800) 543-4764
 Fax: (440) 285-7005

West Sales Office
 P.O. Box 12067
 Casa Grande, AZ 85130
 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



Electronic Contact:
 info@ACODrain.us
 www.ACODrain.us



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