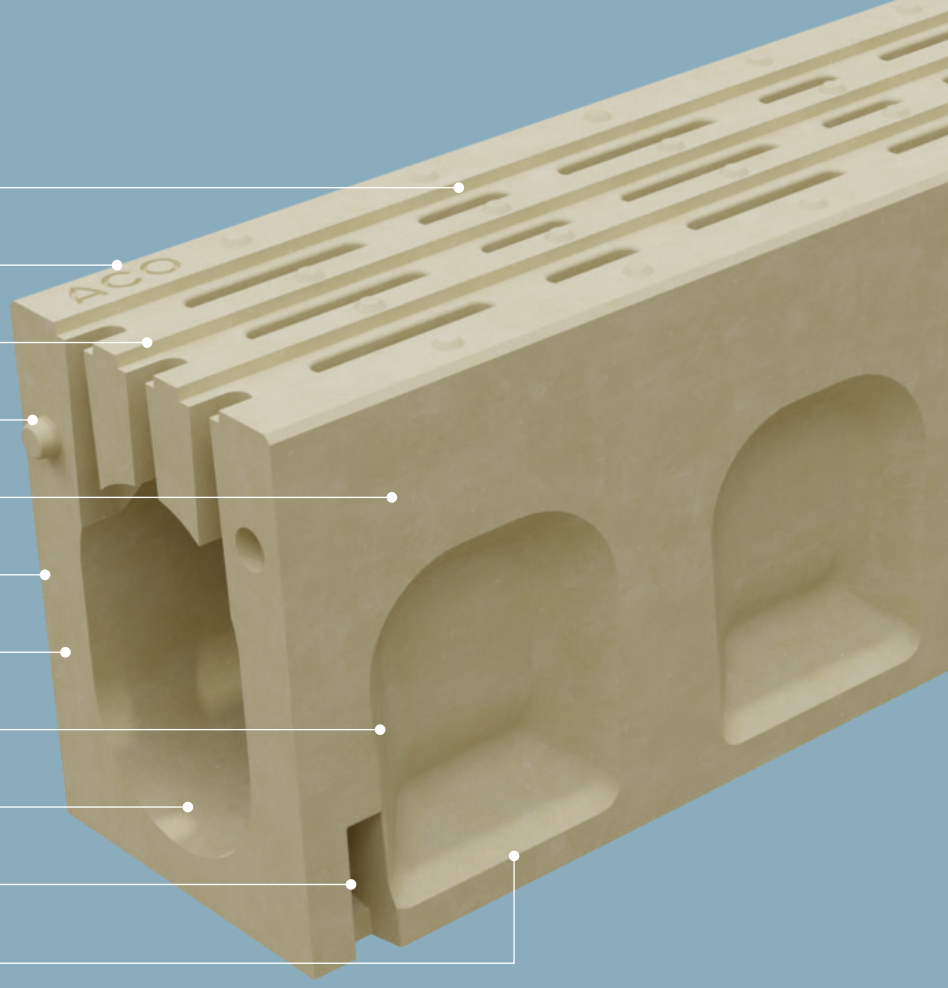


- ADA-compliant Surface Slot Pattern
- Abrasion-resistant Surface
- Monolithic Build
- Interconnecting End Profiles
- Directional Arrows for Install
- High Strength Polymer Concrete
- Exceeds AASHTO HS-25 Requirements
- Profiled Side Walls
- 4"Internal Width Trench
- Compatible with ACO Installation Devices
- Catch Basin Outlet Connections

MonoBloc ADA 100

Sloped Monolithic Trench Drain
4" Internal Width

Durable ADA-Compliant Drainage

MonoBloc ADA 100 trench drain is ideal for demanding industrial and transportation applications with high heavy-duty vehicle loading and traffic and expected regular pedestrian traffic.

The monolithic construction provides many benefits over fully grated systems, especially in applications where the drainage cannot be positioned outside the flow of traffic.

EN 1433 Load Class E
134,885 lbs – 2,785 psi

ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3

ASTM E303-22 Pendulum
Slip Resistance Test



Typical Applications

- Truck Stops
- Gas Stations
- Parking Lots
- Parking Garages
- Shopping Districts
- Commercial Areas
- Light Industrial Areas
- Internal Applications

Monolithic Ingenuity

ADA 100's single-piece construction provides unique benefits over removable-grate systems, especially in applications where the drainage cannot be positioned outside the flow of traffic:

- Solid build
- High structural strength
- Excellent load and hydraulic capacities
- No loosening from vibrations
- No grates outside of access/outlet channels
- Lockable PowerLok grate for access channel
- Quick installation reduces road closures
- More economical than grated systems

Channel Options



Neutral, Access and Outlet Channels

NEUTRAL CHANNEL

- 1 m length
- 5 depths

SLOPED CHANNEL

- 1 m length
- 40 m system

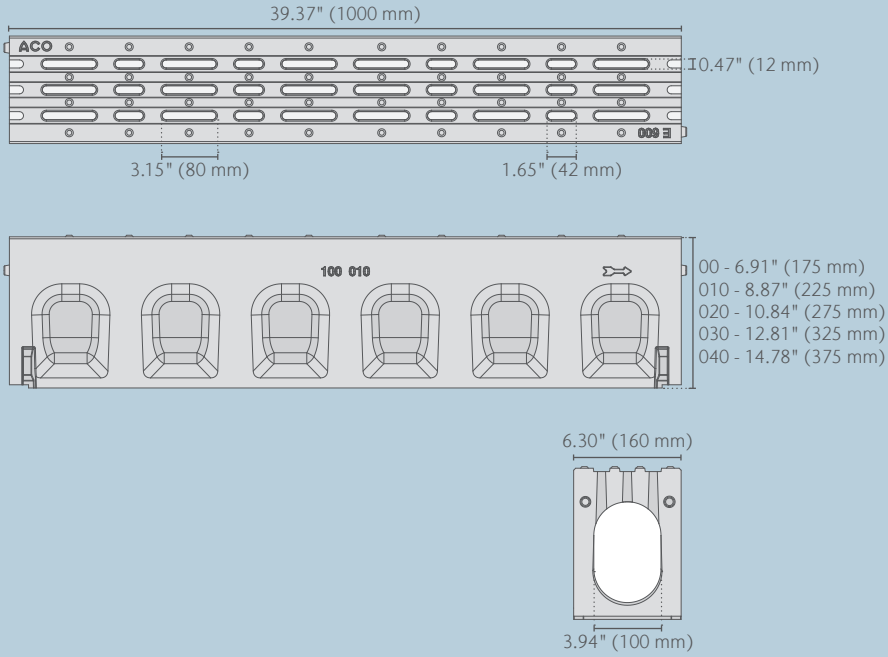
ACCESS CHANNEL

- provides access for maintenance via grated opening
- 1 m length
- 5 depths
- 19.69" (0.5 m) ductile iron grate

CATCH BASIN ACCESS CHANNEL

- high-capacity evacuation of system via catch basin connection
- 1 m length
- 5 depths
- 19.69" (0.5 m) ductile iron grate
- 928–2,867 GPM

ADA 100 Channel



ADA 100 Channels	Invert Depth, in (mm)	Weight, lbs
Neutral	5.91 (150)	81.4
	7.87 (200)	90.2
	9.84 (250)	98.9
	11.81 (300)	107.5
	13.78 (350)	115.8
Sloped*	6.10 (155) – 13.78 (350)	81.7 – 116.6
Access	5.91 (150)	76.9
	7.87 (200)	85.0
	9.84 (250)	107.5
	11.81 (300)	116.1
	13.78 (350)	124.5
Catch Basin Access	5.91 (150)	82.0
	7.87 (200)	90.7
	9.84 (250)	99.5
	11.81 (300)	108.1
	13.78 (350)	116.5

*Sloped channels fit between neutral channels to give continuous 0.5% slope across 125' (40 m).

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