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# ACO Water Management: Building + Landscape

## ACO HexDrain® Pro

- ✓ Suitable for light to medium duty traffic applications
- ✓ HeelGuard™ grating suitable for pedestrian traffic
- ✓ ACO Drainlock™ grating - this bar-less locking device allows for quick and simple installation of gratings
- ✓ Full range of accessories available for professional installation
- ✓ CE marked and fully certified to Load Class C 250 BS EN 1433:2002



## ACO HexDrain® Pro

### The ideal drainage channel for light to medium duty traffic applications

Manufactured from recycled polypropylene, ACO HexDrain® Pro is suitable for vehicle traffic up to Load Class C 250.

ACO HexDrain® Pro comes complete with a corrosion resistant black composite Heelguard™ grating, ideal for pedestrian traffic.

The ACO Drainlock™ grating has a bar-less locking device, allowing for quick and simple installation of gratings.

A full range of accessories are available, designed to aid simple and fast installation.

#### Typical applications

- ▶ Domestic Landscaping
- ▶ Public Landscaping
- ▶ Car Parks



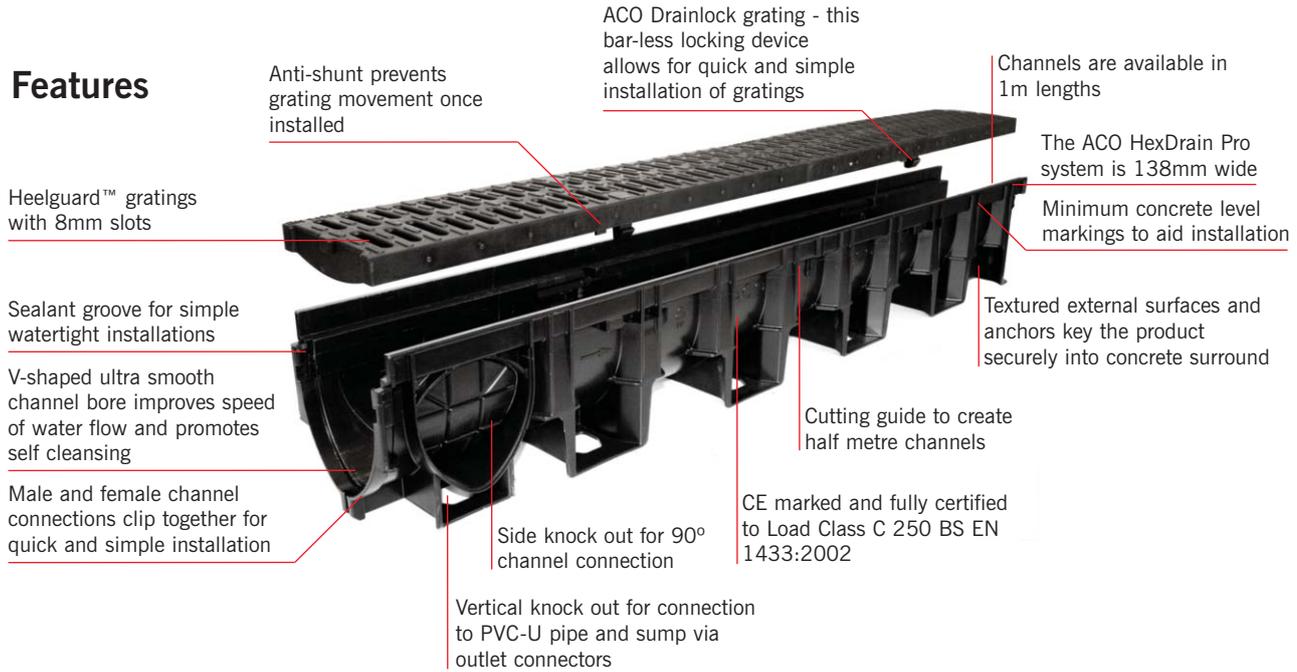
# ACO HexDrain® Pro

## System Overview



C 250 Public parking areas, service stations (cars) and slow-moving light commercial vehicles

## Features



## ACO HEXDRAIN PRO GRATING AND ACCESSORIES



522DL Black Composite Heelguard grating



Vertical outlet connector



Universal endcap



Sump unit with silt bucket



Foul air-trap

## ACO HexDrain® Pro channel assembly

Product code	Description	Length (mm)	Width (mm)	Depth (mm)	Invert mm	Weight (kg)
11025	Channel with black composite Heelguard™ grating 1m	1000	138	150	125	3.7

## ACO HexDrain® Pro accessories

Product code	Description	Length (mm)	Width (mm)	Depth (mm)	Invert mm	Weight (kg)
11086	Universal endcap	11	138	150	-	0.1
11285	Ø110mm vertical outlet connector	-	Ø110	60	-	0.1
11286	Ø160mm vertical outlet connector	-	Ø160	80	-	0.2
11191	Ø110mm roddable foul air-trap	240	Ø110	400	-	1.2
11192	Ø160mm roddable foul air-trap	340	Ø160	415	-	1.4
11385	Black plastic sump assembly c/w silt bucket*	-	Ø160	510	-	3.0

\*Sump assembly consists of a Ø160mm vertical outlet connector, silt bucket and sump body. Sump unit: Ø110mm outlet (upper) invert height to F.G.L = 362mm. Ø110mm or Ø160mm outlet (lower) invert height to F.G.L = 632mm.

## ACO HEXDRAIN PRO INSTALLATION



Dig trench, allowing for width of channel plus 150mm each side for concrete haunch and depth of channel plus 150mm for concrete bedding. Allow also for 150mm concrete around and beneath sump unit. Mark finishing height with fixed line 3mm below final surface. Lay 150mm (min) bed of concrete.



Knock out pre-formed outlet from the inside (marked with hammer symbol) and trim edges with a sharp knife. Fit outlet connector and sump. Position sump and outlet channel on concrete bed, fit PVC-U union/trap to drainage pipework.



Lay channels starting from outlet/sump, ensuring joints connect by lowering units horizontally. Fit endcaps to end channels. For fully watertight joints, use a suitable sealant (contact ACO for further advice).



With gratings fitted, haunch around channels/sumps with concrete. Final surface to be 3mm above grating. Bricks/paviours should be laid in mortar for lateral stability.

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