

Uniclass L7315	EPIC J3413
Cl/SfB (52.5)	

ACO Water Management: Urban + Landscape

ACO HexDrain®

- ✓ Ideal for domestic and light vehicle traffic applications
- ✓ Easy & quick to install
- ✓ Unique variable outlet position
- ✓ Friction-fit, anti-shunt grating eliminates movement
- ✓ Choice of black plastic, metallic effect plastic or galvanised steel gratings
- ✓ Typically will drain 180m²
- ✓ Easily cut to 500mm lengths
- ✓ Full accessory pack aids professional installation
- ✓ CE marked and fully certified to Load Class A 15 BS EN 1433:2002



ACO HexDrain®

High quality, high strength domestic drainage channel

Manufactured from recycled polypropylene, ACO HexDrain® is suitable for a range of domestic applications, and its range of innovative features makes installing drainage channels easier than ever.

This high quality, high strength channel system is available in lightweight 1 metre units, making ACO HexDrain® quick and easy to install.

A choice of three gratings completes the system: black plastic, metallic effect plastic and galvanised steel, providing a range of application finishes.

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

Typical applications

- ▶ Driveways
- ▶ Patios
- ▶ Paths
- ▶ Pedestrian precincts



ACO HexDrain®

System Overview



Pedestrian, cycleways,
minimally trafficked areas
(light domestic vehicles only)*.

Features

Outlet connectors plug into the underside of the channel, for simple connection to Ø110mm PVC-U pipe or ACO HexDrain® sump unit

Installation guide clearly marked on the underside of the channel

Choice of eight vertical outlet positions on every channel

Choice of gratings suitable for domestic applications

Cutting guide to create half metre channels

Hexagonal columns give the channel excellent strength for load bearing. System CE marked and fully certified to Load Class A 15 BS EN 1433:2002

Easy fit endcap for both male and female connections

Cut outs in endcap can be easily removed to provide drainage to soakaway

Channels clip together for easy and quick on-site fabrication

*A 15 products are tested to a loading of 1.5 tonnes. No A 15 products are suitable for trafficking by heavy domestic vehicles such as 4x4s or SUVs.

ACO HEXDRAIN ACCESSORIES

ACO HexDrain® corner unit

The corner unit allows 4 way channel connection and has a removable spigot for connection to Ø110mm PVC-U pipes.



Corner unit

ACO HexDrain® sump unit

The sump unit has a removable spigot for connection to Ø110mm PVC-U pipes.



Sump unit

ACO HexDrain® accessory bag consists of:

- 2 x endcaps
- 1 x vertical outlet Ø110mm
- 1 x leaf guard
- 1 x instruction document



Outlet connector



Endcap



Leaf guard

ACO HEXDRAIN GRATING OPTIONS



Metallic Effect Plastic



Galvanised Steel

ACO HexDrain® channel assembly

Product code	Description	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
19310	Channel with black plastic grating 1m	1000	125	80	1.4
19313	Channel with galvanised steel grating 1m	1000	125	80	1.9

ACO HexDrain® options and accessories

Product code	Description	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
19352	'Metallic effect' plastic grating	1000	118	15	0.8
19353	Galvanised steel grating	1000	118	15	1.2
19559	Corner unit with black plastic grating with vertical outlet	125	125	125	0.2
19296	Corner unit with 'metallic effect' plastic grating	125	125	80	0.2
19558	Black plastic sump unit	174	Ø118	250	0.3
19287	Accessory bag	-	-	-	0.2

Note: ACO HexDrain® should be protected from exposure to sunlight and UV in storage and prior to installation

ACO HEXDRAIN INSTALLATION



Dig trench 175mm wide by 130mm deep for channel (400mm deep for sump). Mark finishing height with fixed line 3mm below final surface. Lay 50mm (min.) bed of concrete.



If using sump unit as outlet cut off outlet spigot, position sump in concrete bed and fit PVC-U Ø110mm pipework connection to drainage.



Knock out preformed base of corner unit and remove appropriate cut-out for channel connection. Connect corner unit to sump. Check line and level of corner unit and backfill with concrete.



Lay channels from outlet corner unit ensuring joints clip together. Fit endcaps. With gratings fitted haunch around channels with concrete or suitable fill material. Final surface to be 3-5mm above grating.

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