

ACO RainDrain® Installation



Dig trench 300mm wide by 200mm deep for channel (400mm deep for sump). Mark finishing height with fixed line 3mm below final surface. Lay 100mm (min.) bed of concrete.



Knock out pre-formed outlet from the inside (marked with hammer symbol) or fit sump or outlet endcap. Position sump or outlet channel on concrete bed, fit U-PVC union/trap to drainage pipework.



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



With gratings fitted, haunch around channels/sumps with concrete (or for Load Class A 15 only, haunch with suitable fill material). Final surface to be 3mm above grating. Bricks/paviours should be laid in mortar for lateral stability.

ACO RainDrain® channel assembly

Product code	Description	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
47000	Channel with galvanised steel grating 1m A 15	1000	118	97	7.6

ACO RainDrain® options and accessories

Product code	Description	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
38512	Cast Iron grating 500mm B 125	500	118	-	2.3
38510	Galvanised steel grating 1m A 15	1000	118	-	1.5
38703	Sump with galvanised steel grating c/w sediment bucket	500	118	303	11.3
38504	Closing end cap	15	118	97	0.4
38505	Outlet endcap Ø110mm	15	118	150	0.6
01684	Horizontal foul air trap	100	Ø110	-	0.2
0056	Drain union U-PVC Ø110mm	100	Ø110	-	0.1
1367	Grating lifting tool	-	-	-	0.2

Why choose ACO RainDrain®?

ACO RainDrain® standard channel assembly consists of a polymer concrete channel and galvanised steel grating. An additional grating and a full set of accessories are available to provide a wide variety of quick and professional installations.

- ✓ Easy and quick to install
- ✓ Clip locking grating for secure installation
- ✓ Choice of galvanised steel or cast iron gratings
- ✓ Channel design improves flow velocity, promotes self cleansing
- ✓ Drains up to 190m²
- ✓ Full range of accessories for a professional installation
- ✓ Fully certified and CE marked to Load Class A 15 and B 125* BS EN 1433:2002
- ✓ Ideal for domestic and light vehicle traffic applications

* B 125 Load Class only with grating no. 38512



CHANNELS WITH
TRADITIONAL GRATINGS

ACO RainDrain®

Polymer concrete domestic drainage channel



ACO CARES ABOUT THE ENVIRONMENT

Printed on material approved by the Pan European Forest Certification (PEFC) who provide a means of assuring that products come from sustainably managed forests.



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ACO RainDrain® features overview

ACO RainDrain® is a lightweight channel drainage system designed to provide surface water drainage to range of domestic and light duty traffic applications

Manufactured from polymer concrete, a tough resin material, the 1m channel unit comes complete with a galvanised steel grating.

ACO RainDrain® has a full set of accessories available to provide a wide variety of quick and professional installations.



A 15 Pedestrian, cycleways and domestic drives.



B 125 Pedestrian precincts, light vehicles, private car parks and drives.



Features

Improved performance, system fully certified and CE marked to Load Class A 15 and B 125* BS EN 1433:2002. See definitions opposite

Choice of gratings suitable for domestic applications

New sealant groove for simple watertight installation

Knock-out for connection to Ø110mm U-PVC pipe

Profile improves speed of water and promotes self cleansing

Channels interlock for easy and simple on-site fabrication

Channel shape anchors product into concrete surround

Clip locking grating for secure and simple installation

Lightweight design for easy handling and installation

ACO RAINDRAIN ACCESSORIES



ACO RAINDRAIN PLUS GRATING OPTION

