



**ACO. creating**

**the future of drainage**

## **ACO Xtraline Drainage Channel Range**

*Plastic drainage solutions certified up to load class C250*

## ACO Xtraline range options

**ACO offers two types of drainage solutions in this range:**

- The **ACO Xtraline** without rails for aesthetic appearance in architectural projects , and
- **ACO Xtraline S** range, which includes a galvanized metal edge rail to accommodate additional load distribution for higher vehicle applications.

### ACO Xtraline channel and grating



**ACO Xtraline** is a linear drainage system completely made of HD-PE with no rails.

The absence of the rail ensures that the grating completely covers the channel and allows a drainage line installation without interruptions or discontinuities; this, increases the aesthetics of installation in architectural projects and contexts.

A variety of galvanized, stainless steel, composite and cast iron grates, allows the designer a wide choice of grating options for any application.

### ACO Xtraline S channel and grating



The versatile **ACO Xtraline S** drainage system represents the perfect answer for civil, industrial and infrastructural application needs.

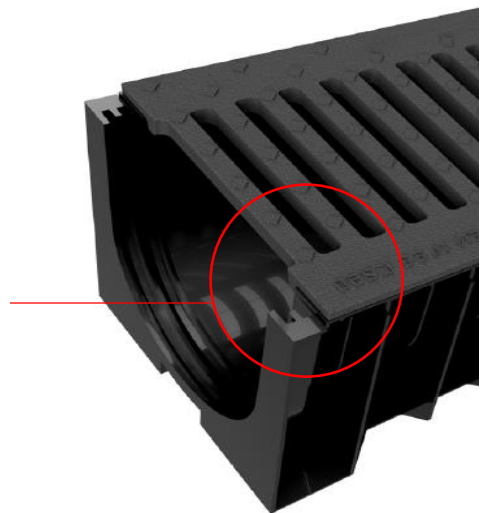
These channels comprise of a galvanised steel rail, necessary to improve the load distribution coming from the pavement surface or from underground forces. A variety of galvanized, stainless steel, composite and cast iron grates, allows the designer a wide choice of grating options for any application.

## Why choose the ACO Xtraline channel and grating ?



The channel body is made of plastic, certified for load class A15, B125 and C250 according to EN 1433: 2008

- Available in nominal width: 100 mm
- The grating covers the channel body completely
- Complete with vertical and lateral knockouts
- Vertical outlet kit  $\varnothing 100$  and  $\varnothing 110$  mm for channels H55 and H80 mm
- Bolt and bar fixing system for the gratings.
- Special pieces for corners, "T" couplings and cross couplings are available
- End-caps or end-caps with outlets



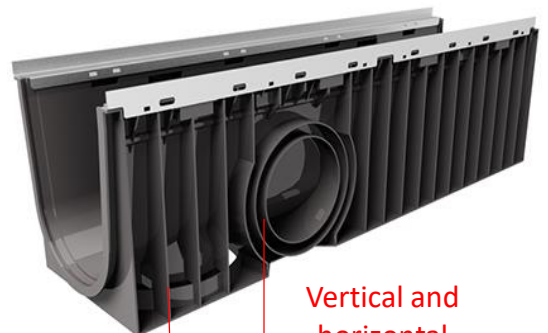
Vertical and horizontal knockouts

## Why choose the ACO Xtraline S channel and grating ?



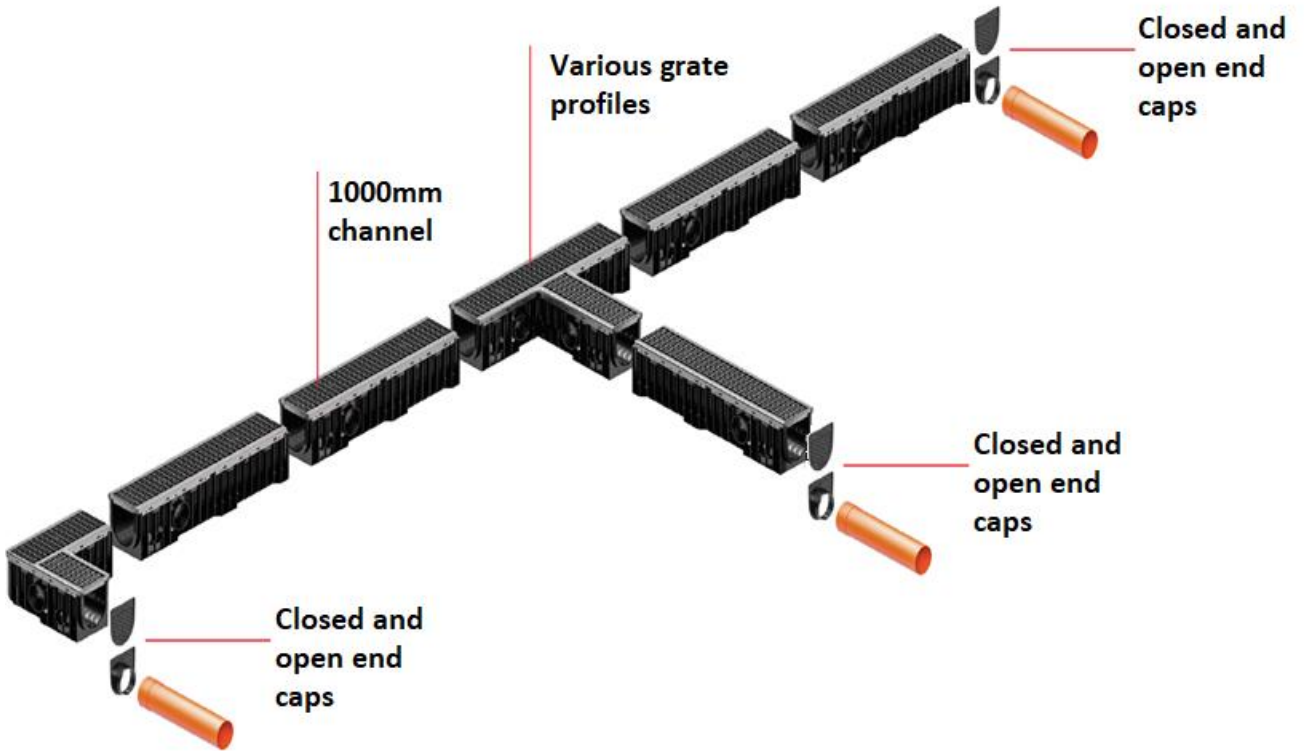
The channel body is made of plastic, certified for load class A15, B125 and C250 according to EN 1433: 2008

- A Galvanized steel edge rail is standard for this product range
- Available in three different nominal widths: 100, 150, 200 mm
- Complete with vertical and lateral knockouts
- Vertical outlet kit  $\varnothing 100$  and  $\varnothing 110$  mm for channels H55 and H80 mm
- Specific fixing systems on each grating.
- Special pieces for corners, “T” couplings and cross couplings are available

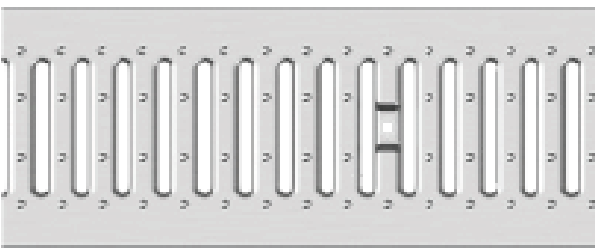


Vertical and horizontal knockouts

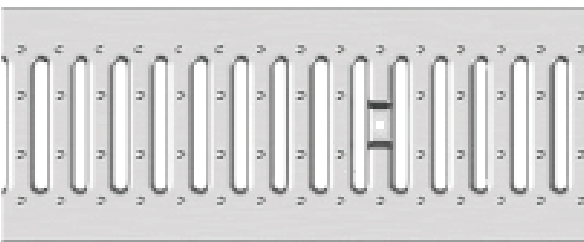
## System Overview



## ACO Xtraline Grate Profiles



**Xtraline 100 Galvanised steel slot grating; L/C A15**

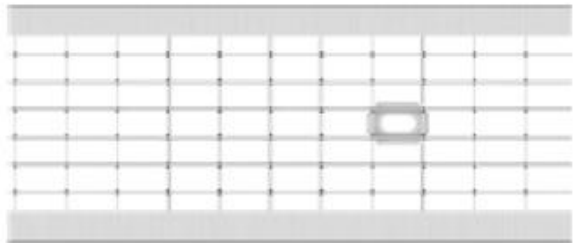


**Xtraline 100 Stainless Steel 304 slot grating; L/C A15**



**Xtraline 100 Ductile Iron grating; L/C C250**

## ACO Xtraline S Grate Profiles



**Xtraline S100 / S150 / S200 Galvanised steel slot grating; L/C A15**



**Xtraline S100 Polymide slot grating; L/C B125**







**Xtraline S100 / S150 / S200 Ductile iron slot grating; L/C C250**




## ACO residential drainage pack

	319714	ACO Pack 3 PP-PE channels,Slot PP-PE gratings heel-safe A15, 1 vertical outlet, 2 end caps
	319724	ACO Pack 3 PP-PE channels,Slot 5 mm Galvanized steel gratings heel-safe A15, 1 vertical outlet, 2 end caps
	319726	ACO Pack 3 PP-PE channels,Slot 5 mm Stainless steel gratings heel-safe A15, 1 vertical outlet, 2 end caps
	319732	ACO inspection box with PP-PE rail,Slot PP-PE grating heel-safe
	319734	ACO inspection box with PP-PE rail,Slot 5 mm Galvanized steel grating heel-safe
	319736	ACO inspection box with PP-PE rail,Slot 5 mm Stainless steel grating heel-safe
	319720	ACO Kit vertical outlet Ø 110&75 + 2 end caps
	319740	ACO plastic channel end caps


## Xtraline 100 channel order data

	840240	ACO HD-PE Channel Xtraline 100 H55; without grating; L1000mm; External height 75mm / internal height H55; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 40 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=54.44; Capacity (dm <sup>3</sup> = liters)=5.5
	840241	ACO HD-PE Channel Xtraline 100 H80; without grating; L1000mm; External height 100mm / internal height H80mm; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 63 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=69.28; Capacity (dm <sup>3</sup> = liters)=6.7
	840242	ACO HD-PE Channel Xtraline 100 H100; without grating; L1000mm; External height 134mm / internal height H100; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 63 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=89.56; Capacity (dm <sup>3</sup> = liters)=8.95
	840243	ACO HD-PE Channel Xtraline 100 H160; without grating; L1000mm; External height 194mm / internal height H160; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 110 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=145.28; Capacity (dm <sup>3</sup> = liters)=14.52


## Xtraline S100 channel order data

	840222	ACO HD-PE Channel Xtraline S100 H55 with galvanised steel rail; without grating; L1000mm; External height 95mm / internal height H55; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 40 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=54.44; Capacity (dm <sup>3</sup> = liters)=5.5
	840224	ACO HD-PE Channel Xtraline S100 H100 with galvanised steel rail; without grating; L1000mm; External height 154mm / internal height H100; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 40 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=89.56; Capacity (dm <sup>3</sup> = liters)=8.95
	840225	ACO HD-PE Channel Xtraline S100 H160; without grating; L1000mm; External height 214mm / internal height H160; External width 158mm / internal width 100mm; Outlets 2x $\varnothing$ 110 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=145.28; Capacity (dm <sup>3</sup> = liters)=14.52



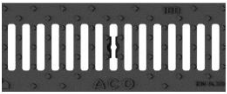
## Xtraline S150 channel order data

	840231	ACO HD-PE Channel Xtraline S150 H160; without grating; L1000mm; External height 215mm / internal height H160; External width 208mm / internal width 150mm; Outlets 2x $\varnothing$ 110 (hor.); Vertical outlet $\varnothing$ 100/110 (vert.); Drainage section (cm <sup>2</sup> )=213.04; Capacity (dm <sup>3</sup> = liters)=21.30
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## Xtraline S200 channel order data

	840236	ACO HD-PE Channel Xtraline S200 H250; without grating; L1000mm; External height 304mm / internal height H250; External width 258mm / internal width 200mm; Outlets 2x $\varnothing$ 200/160 (hor.); Vertical outlet $\varnothing$ 200/160 (vert.); Drainage section (cm <sup>2</sup> )=430; Capacity (dm <sup>3</sup> = liters)=43
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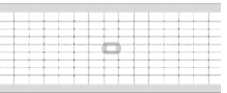

## Xtraline 100 Gratings order data

	840461	Xtraline 100 Galvanised steel slot grating; L/C A15; L 998mm
	840465	Xtraline 100 Stainless steel slot grating; L/C A15; L 998mm
	840464	Xtraline 100 ductile iron mesh grating; Slot opening 80x13mm; L/C C250; L 498mm



## Xtraline S100 Gratings order data

	840429	Xtraline S100 Galvanised steel heel safe mesh grating; Slot opening 33x15mm; L/C B125; L 998mm
	840440	Xtraline S100 Polymide slot grating; Slot opening 82x20mm; L/C B125; L498mm
	840439	Xtraline S100 Ductile iron slot grating; Slot opening 91.5x7mm; L/C C250; L498mm

## Xtraline S150 Gratings order data


	840442	Xtraline S150 Galvanised steel heel safe mesh grating; Slot opening 33x15mm; L/C B125; L 998mm
	840447	Xtraline S150 Ductile iron slot grating; Slot opening 81x7mm; L/C C250; L498mm

## Xtraline S200 Gratings order data



	840452	Xtraline S200 Galvanised steel heel safe mesh grating; Slot opening 33x15mm; L/C B125; L 998mm
	840457	Xtraline S200 Ductile iron slot grating; Slot opening 107x7mm; L/C C250; L498mm







## Xtraline 100 / S100 Accessories order data

	840800	Xtraline 100 bolt and bar kit + M8x40 TBL combi screw for galvanised steel grating ; per 1m channel
	840801	Xtraline 100 bolt and bar kit + M8x40 TBL combi screw for stainless steel grating ; per 1m channel
	840802	Xtraline 100 bolt and bar kit + M8x40 black hex head screw for ductile iron grating ; per 1m channel
	840904	Xtraline 100 End cap H55
	840905	Xtraline 100 End cap H80
	840906	Xtraline 100 End cap H100
	840907	Xtraline 100 End cap H160
	840900	Xtraline 100 outlet end cap DN 40 H55
	840901	Xtraline 100 outlet end cap DN63 H80
	840902	Xtraline 100 outlet end cap DN63 H100
	840903	Xtraline 100 outlet end cap DN63 H160




## Xtraline 100 / S100 Accessories order data

	840909	Xtraline 100 vertical outlet kit DN100
	840910	Xtraline 100 vertical outlet kit DN110

## Xtraline S150 Accessories order data

	840818	Xtraline S150 bolt and bar kit + M8x40 TBL combi screw for galvanised steel grating ; per 1m channel
	840820	Xtraline S150 bolt and bar kit + M8x40 black hex head screw for ductile iron grating ; per 1m channel
	840913	Xtraline S150 End cap H160
	840916	Xtraline S150 outlet end cap DN110 H160

## Xtraline S200 Accessories order data

	840815	Xtraline S200 bolt and bar kit + M8x40 TBL combi screw for galvanised steel grating ; per 1m channel
	840817	Xtraline S200 bolt and bar kit + M8x40 black hex head screw for ductile iron grating ; per 1m channel
	840924	Xtraline S200 closed end cap with DN160 knockout; for channel internal height 250mm

# ACO Xtraline Drainage



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