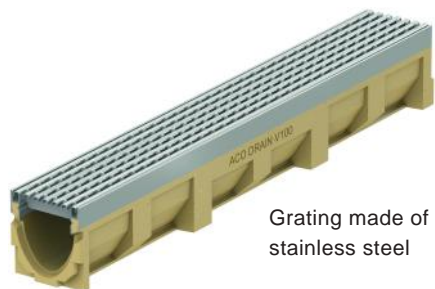




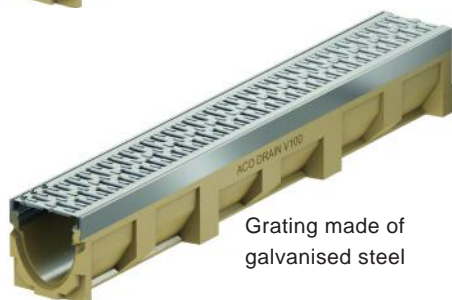
## ACO DRAIN Multiline



Grating made of stainless steel



Grating made of cast iron



Grating made of galvanised steel

### **Drainage Channels Made of Polymer Concrete**

ACO Drain® Multiline channel system sets new standards for the planning, execution and effectiveness of permanent line drainage systems. Using all of our experience as market leader, the multiline drainage system fully delivers what progress and innovation is meant to deliver. The drainage system delivers the benefits for dealers, architects, consultants, developers and the general public.

Dealers benefit from the extremely streamlined range of products. Architects and consultants save their time during tendering because the multiline system supports a high level of interface standardisation. Developers welcome the sophisticated design solutions because multiline combines design diversity, high functionality and extreme durability.

#### **Typical Applications**

- Car parks
- Railway platforms
- Architectural surfaces
- Pedestrian zones
- Landscaping
- Industrial surfaces



### Polymer Concrete

ACO DRAIN® Multiline channels of polymer concrete have much higher strengths and lower weights for the same density as comparable concrete products. The low weight of the components simplifies handling, installation and it reduces the costs. ACO polymer concrete is water tight. The smooth surface of ACO polymer concrete allows water and dirt particles to runoff quickly and making it easy to clean. Polymer concrete is also resistant to aggressive media without any need for extra coating and can be used flexibly and permanently even under extreme conditions.

### Properties

The superb properties of ACO polymer concrete reflects its special material composition and state-of-the-art ACO production technology:

- Bending tensile strength: > 22 N/mm<sup>2</sup>
- Compressive strength: > 90 N/mm<sup>2</sup>
- Module of elasticity: approx. 25kN/mm<sup>2</sup>
- Density: 2.1 – 2.3 g/cm<sup>3</sup>
- Water penetration depth: 0 mm
- Chemical-resistance: high
- Surface roughness: approx. 25µm

### Benefits of Multiline systems

- High flow rate and velocity
- Easy to install
- Easy maintenance
- Aesthetic appearance
- Lockable grating systems
- Zero absorption of water

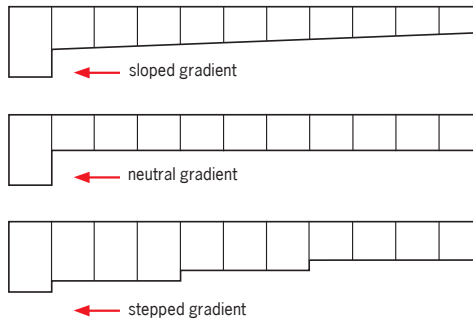
### Drainlock System

The screwless locking system meets the demands on loads, dynamics and protection of the environment, without making any compromises in terms of functionality. Thanks to the horizontal anti-shifting device, the drainlock system allows the easy installation and removal of the cover gratings.

The entire product family complies with or exceeds all current standards and regulations, including DIN EN 1433 / DIN 19580

### Sloped Channels Enhance Water Flow

ACO DRAIN® Multiline channels are suitable for all types of gradients, from sloped to neutral, and allow different gradient types to be combined.



### System Overview

**5 load classes**

A 15, B 125, C 250, D 400, E 600 according to DIN EN 1433

**6 widths**

100, 150, 200, 300, 400, 500

**3 materials**

Edge-rails and gratings in cast iron, galvanized steel and stainless steel

**1 innovative concept**

1 universal channel body

### Channel Dimensions

Neutral gradient

Type	Length cm	Width cm	Height cm	Weight kg
V 100	100	13.5	15.0	16.5
V 150	100	18.5	21.0	27.8
V 200	100	23.5	26.5	41.9
V 300	100	35.0	38.5	63.9

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