



ACO Freestyle gratings for Multiline channels

Freestyle design gratings 2022

ACO Freestyle gratings for Multiline channels

For thousands of years people all over the world have been fascinated by the red-hot iron and the molded honest, heavy products. Architects lend their buildings value, durability and elegance through the use of steel and iron. In architecture, small installations such as curbs, manhole covers and last but not least drainage solutions determine the overall impression of large areas.

Cast iron in the right place. ACO Freestyle.



Freestyle – the 3 options

Depending on your project status, select products from stock, from our design catalog (usual delivery time 2-3 months) or create your own design starting with a minimum volume of 100 meters. (For smaller orders surcharge at least 20%)

Customized

your own drawing,
your company logo



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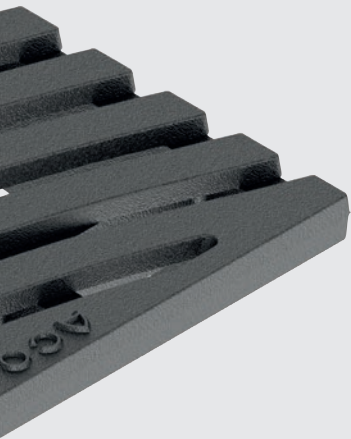
Designer

chose from
our catalogue

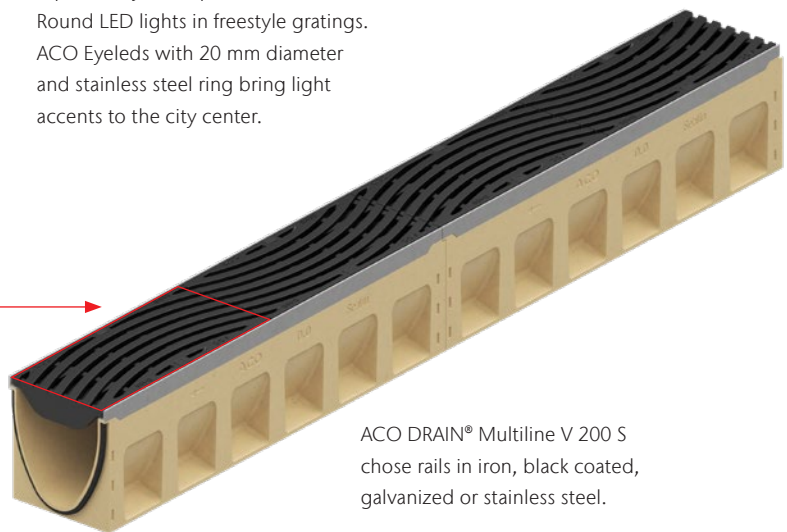
In stock

eight available patterns

Dimension	Coating	Price [EUR]
V 100	black coated	
V 150	black coated	
V 200	black coated	
V 300	black coated	
V 100	CDP	
V 150	CDP	
V 200	CDP	
V 300	CDP	



A possibility with special effect:
Round LED lights in freestyle gratings.
ACO Eyeleds with 20 mm diameter
and stainless steel ring bring light
accents to the city center.



ACO DRAIN® Multiline V 200 S
chose rails in iron, black coated,
galvanized or stainless steel.

Freestyle gratings require
ACO channels with a
minimum height of 155 mm
(standard height).

- load class D400 defined in DIN EN 1433
- ACO Freestyle gratings are available for ACO channel systems in the dimensions V 100, V 150, V 200 and V 300
- material: ductile cast iron EN-GJS-500-7
- coating: black waterbased color or CDP coating
- ACO Drainlock locking system
- customized design from 200 pieces

In stock

In stock gratings

- Quantities in stock available for small projects
- missing sizes can be developed

Freestyle grating [0,5 m]	Dimension	Coating	Load class	Art.no.	Price [EUR]
NEW Harmony					
	V 100	black coated	D 400	132135	
	V 150	black coated	D 400	132174	
	V 200	black coated	D 400	132176	
	V 300	—	—	—	
NEW Voronoi					
	V 100	black coated	D 400	132138	
	V 150	black coated	D 400	132139	
	V 200	—	—	—	
	V 300	—	—	—	
Flag					
	V 100	black coated	D 400	132042	
	V 150	black coated	D 400	132045	
	V 200	black coated	D 400	132041	
	V 300	black coated	D 400	132046	
Leaf					
	V 100	black coated	D 400	132043	
	V 150	black coated	D 400	132066	
	V 200	black coated	D 400	132129	
	V 300	—	—	—	
Ray					
	V 100	black coated	D 400	132088	
	V 150	black coated	D 400	132109	
	V 200	black coated	D 400	132090	
	V 300	—	—	—	

Freestyle grating [0,5 m]	Dimension	Coating	Load class	Art.no.	Price [EUR]
Square					
	V 100	black coated	D 400	132082	
	V 150	black coated	D 400	132077	
	V 200	black coated	D 400	132064	
	V 300	black coated	D 400	132161	
Nature					
	V 100	black coated	D 400	132060	
	V 100	CDP	D 400	132095	
	V 100	CDP	C 250	132096	
	V 150	black coated	D 400	132106	
	V 150	CDP	D 400	132093	
	V 150	CDP	C 250	132094	
Industrial Microgrip					
	V 100	—	—	—	
	V 150	black coated	D 400	132518	
	V 200	black coated	—	—	
	V 300	—	—	—	

- in stock products are available for small projects from stock. Orders from 700 pieces can not be canceled after the start of production



ACO DRAIN® PowerDrain V 100 G
with freestyle gratings 'Nature'

Designer

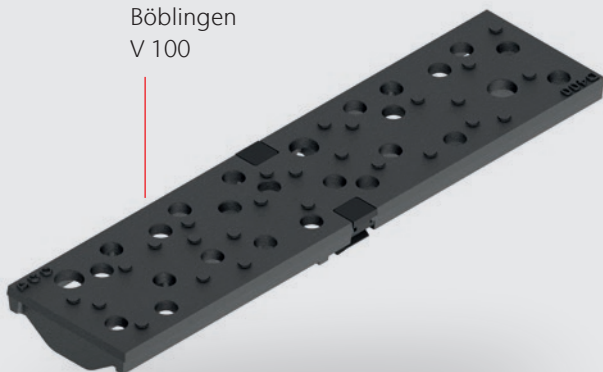
Available 'made to order'-designs

Architectural features such as entrances, promenades, courtyards and landscaped areas, can all have their appearance significantly enhanced through the creative use of ACO Freestyle gratings.

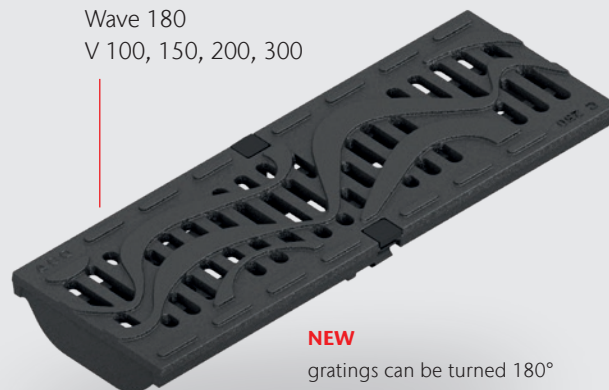
Design gratings available 'made to order' with a minimum of 50 pc.



Böblingen
V 100



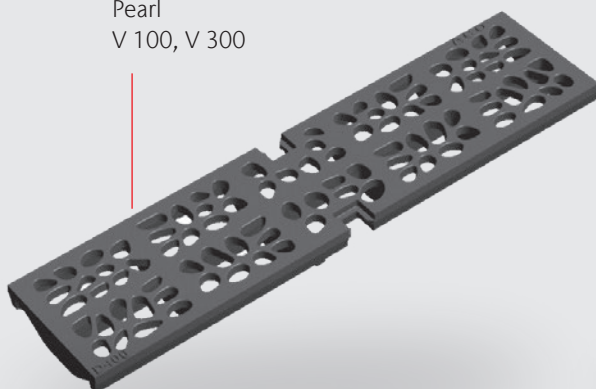
Wave 180
V 100, 150, 200, 300



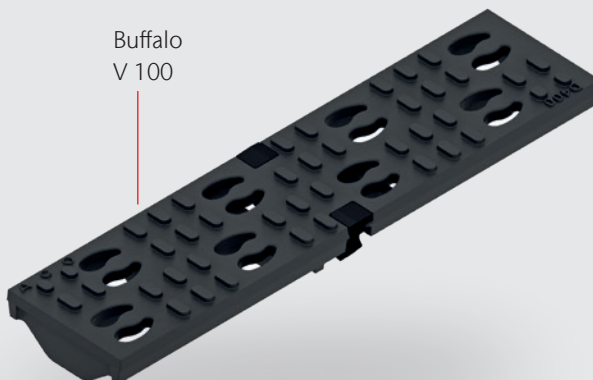
NEW

gratings can be turned 180°

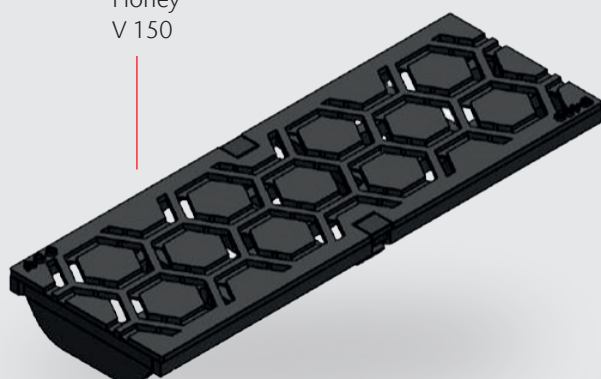
Pearl
V 100, V 300



Buffalo
V 100



Honey
V 150



Retro
V 150



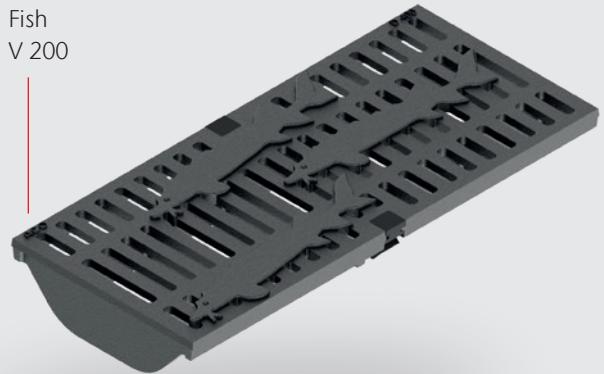


New freedom for linear drainage:
ACO Freestyle cast iron gratings are
designed according to your design
specifications or you can benefit
from the creativity of projects that
have already been implemented!

Monoblock
V 200



Fish
V 200



DrainBow
V 200



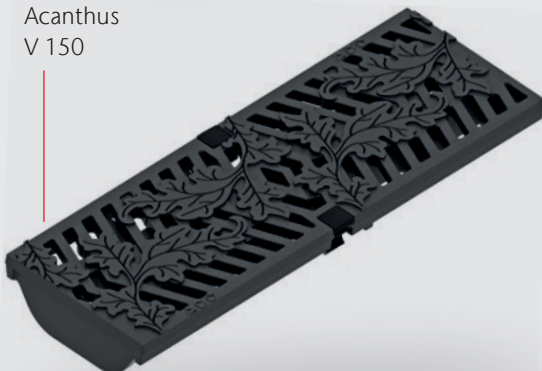
TreeA
V 200



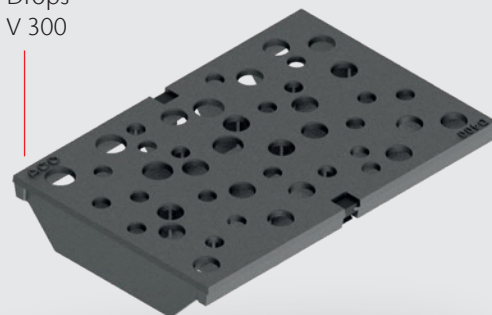
TreeB
V 200



Acanthus
V 150

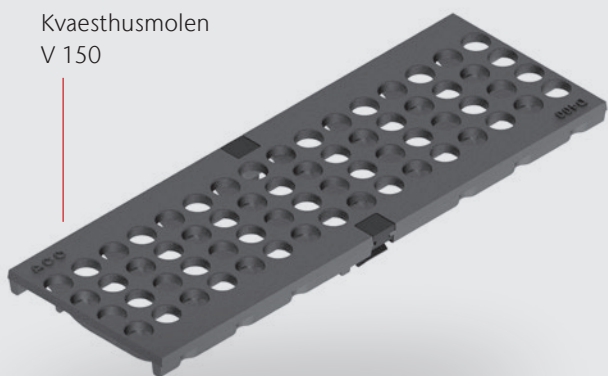


Drops
V 300

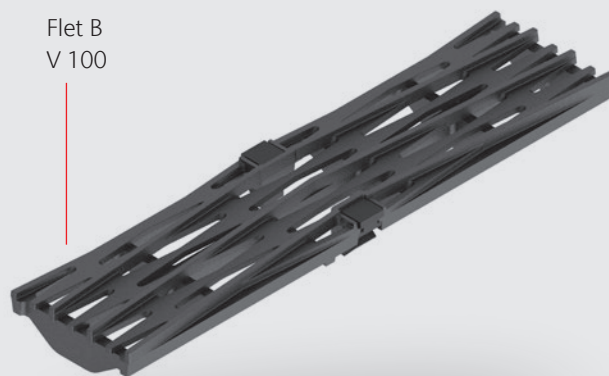




Kvaesthusmolen
V 150



Flet B
V 100



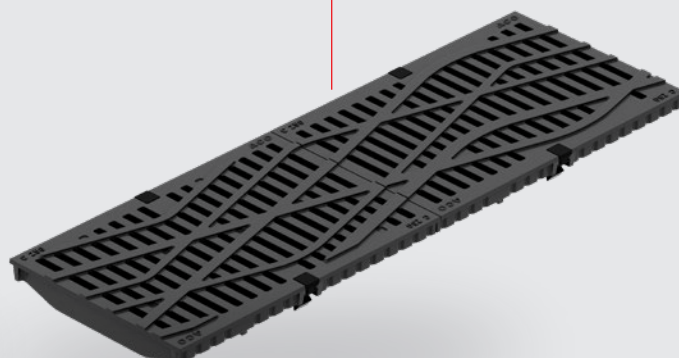
Lettering, notices, company names, signposts

With the new innovative V 200 cover plate for ACO channels you can realise your inscription.

Letterplate
V 200



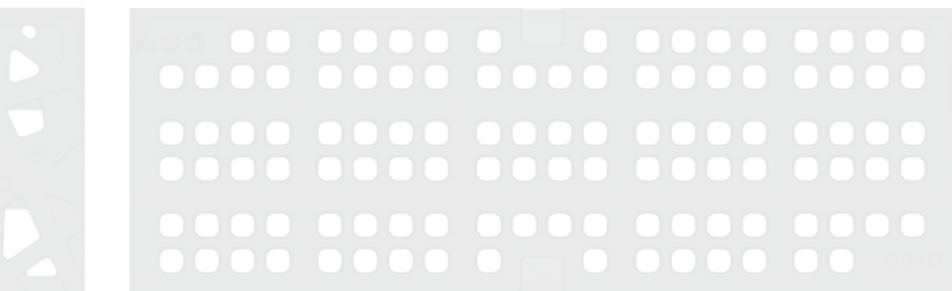
Krakowski
V 300



NEW

A highlight in your driveway are the ACO 'Letterplate' cover plates with individual inscriptions.

As part of a larger order of Freestyle design gratings, we also offer these in a small series of 5 or more.



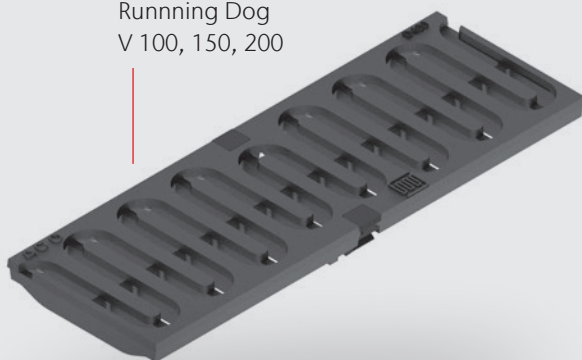
Running Dog Gratings with Corner solutions

The successful landscape architect [Julie Kierkegaard](#) from Denmark has worked with ACO to complete the grate design popular in Scandinavia with matching corner modules to create an attractive range.

These elegant grates not only visually enhance your drainage system – the corners are also much easier for contractors to install. The system is usually available from stock.



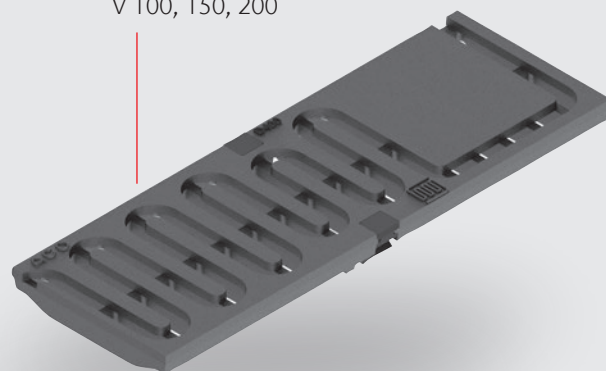
Running Dog
V 100, 150, 200



Running Dog
Corner dif. directions
V 100, 150, 200



Running Dog
Corner dif. directions
V 100, 150, 200



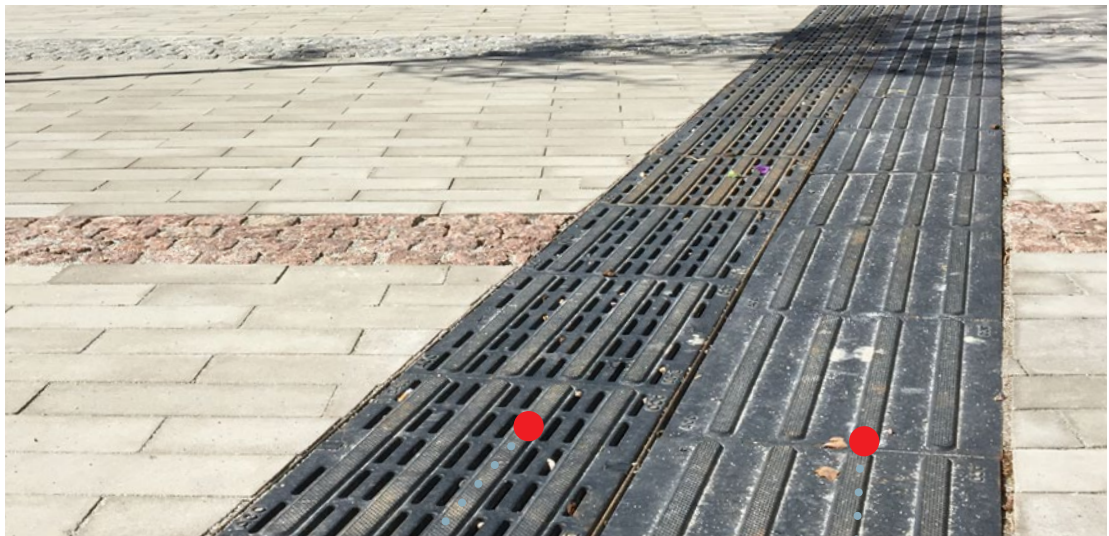
ACO Blind Lead System

ACO integrates drainage and blind guidance system

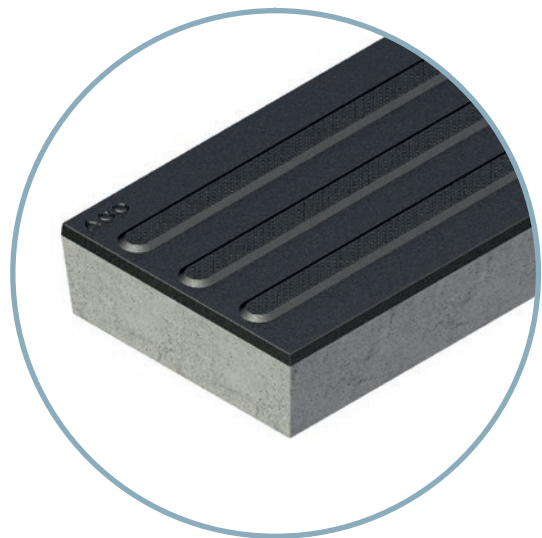
After the first generation of blind guidance systems, it was possible to apply the lines and dots required by the ISO standard to existing ACO gratings and stones (with design surfaces made of ductile cast iron) in cooperation with the [Danish architect Kurth Brink-Brandenburg](#). The 'ACO Microgrip' anti-slip profile integrated here gives the blind guide gratings, stones and attention fields outstanding anti-slip properties.



In contrast to plastic or concrete surfaces, the robust ductile cast iron is ideally suited to create a durable, weather-resistant blind guidance system that can also withstand the strong mechanical loads during snow removal works.



ACO Blind Lead gratings



ACO Blind Lead bricks

Gratings – Bricks – Attention Fields

The ACO Blind Lead System offers blind lead **blocks** in the same width as the **gratings** incl. frame.

The systems of nominal widths 100, 150, 200 and 300 are supplemented with square dotted stones for marking an **attention field**.

Creativity in landscape architecture

ACO Freestyle cast iron gratings fulfil the desire according to individual solutions for exceptional linear drainage.

The unique design possibilities for cast iron gratings can, for example, express special features in pedestrian zones or promenades and highlight themes or events.

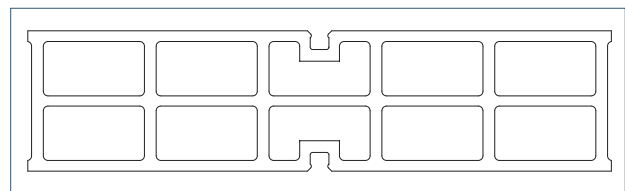
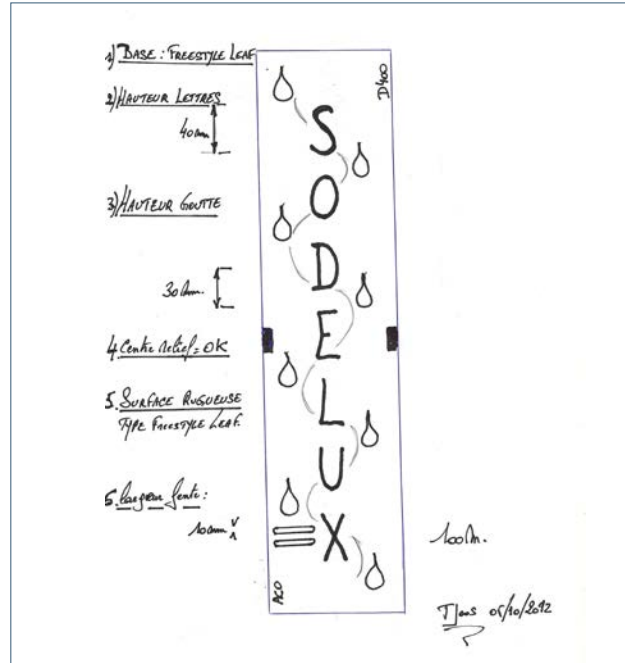
The development process is standardized. The production tool consists of two individual elements, the individual surface plate and the standard base.



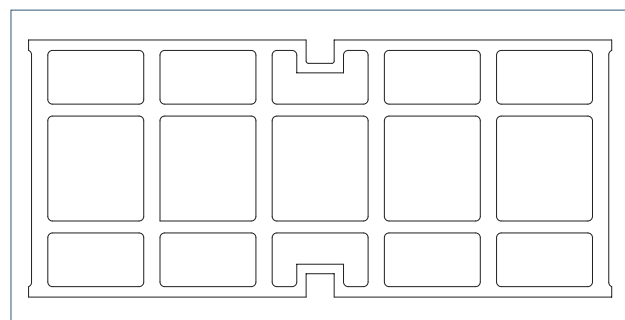
The only prerequisite is to have an idea. The gratings are then manufactured in the ACO foundry. You design – ACO takes care of the details!

1 Idea

Your design can be a drawing or already a CAD file.



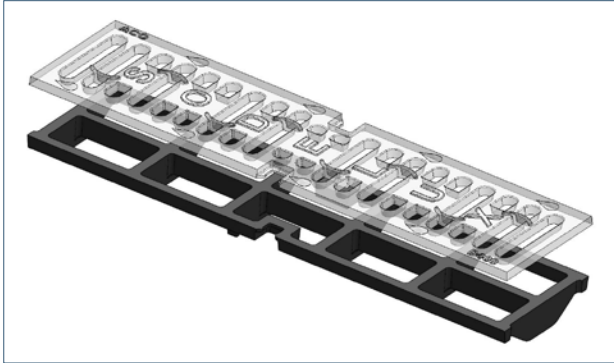
Shoring of the grate of nominal width 100 (500 x 123 mm)



Shoring of the grate of nominal width 200 (500 x 223 mm)

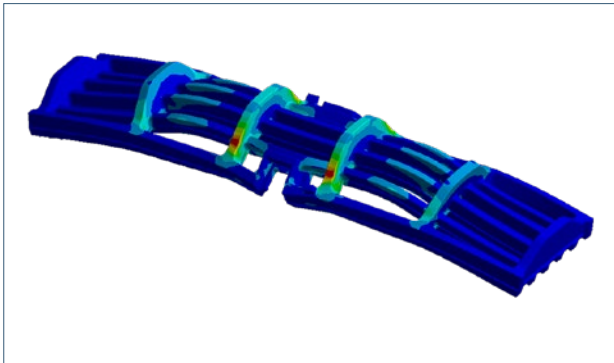
2 3D-Model

You can already develop the grate as a 3D model. As a basis, byou will gladly receive the corresponding basic data. Or ACO is developing the 3D model from your ideas.



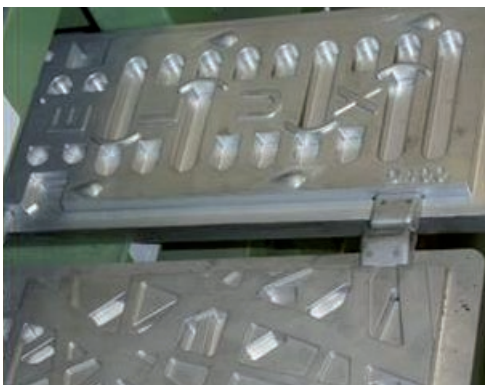
3 Design release

The new grate is then created or adapted by the development department. After the design release, the strength calculating starts and a casting simulation is done.



4 Tool ordering

The production tools are manufactured.



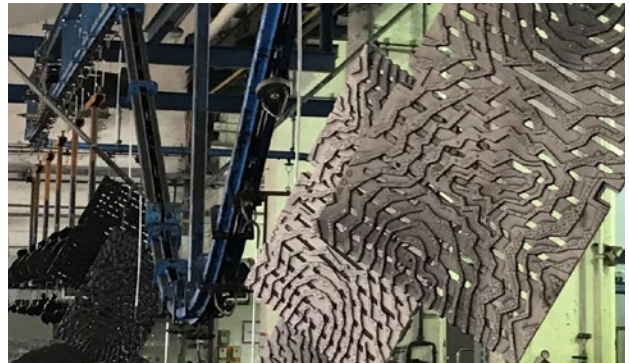
5 Casting

At ACO Guss foundry Kaiserslautern, Germany.



6 Surface protection

The standard surface protection is a waterbased colour.



7 Certification

The design grates are developed and tested based on the EN 1433 (and BSI UK). Due to the often smaller drainage area, Freestyle gratings cannot always be EN 1433 certified.



Beautiful surface solutions increase the value of your projects and delight customers and visitors. Whether with integrated lighting, non-slip surface or special solutions for corners. With FreeStyle, the ACO experts offer you the individuality, elegance or advanced functionality your project needs.

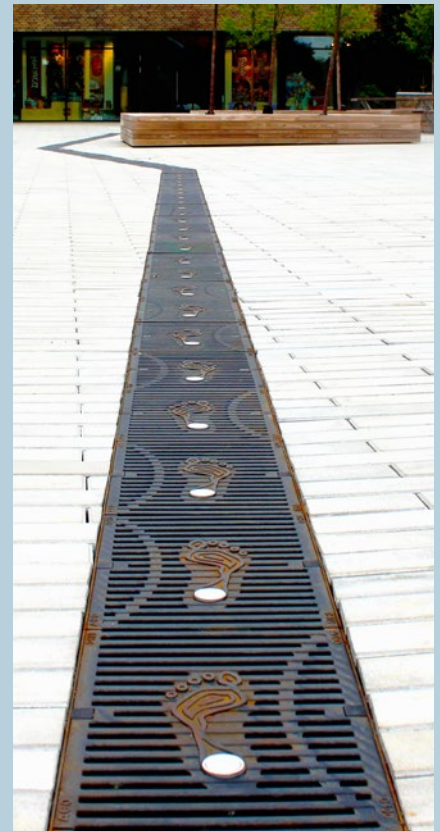
worldwide unique objects
with ACO Freestyle



ACO Freestyle 'Fish'
pedestrian zone Feldschmiede
Itzehoe, Germany



ACO Freestyle 'Tree A' and 'Tree B'
Belgium



ACO Freestyle 'ECCO'
Headquarter ECCO Group
Toosbuys Torv, Bredebro, Danmark



ACO Freestyle 'Renne'
Market square, Geilo, Norway



ACO Freestyle 'Nature'
Ekkersrijt Furniture Mall
Son en Breugel, Netherlands



How can functionality and aesthetics be combined in a reduced way?
ACO DRAIN® SlotTop. Designed for aesthetic drainage solutions.



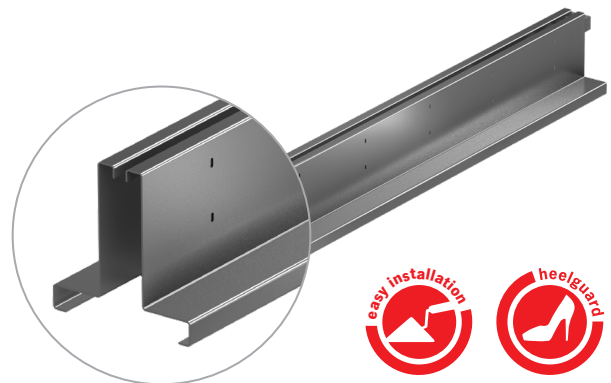


Are you looking for inconspicuous line drainage?

ACO DRAIN® SlotTop Strip

'Hide' or 'highlight' are two different approaches when deciding on surface design and drainage. The new SlotTop Strip is the inconspicuous but selfconfident choice. It's timeless style suits both to historical buildings and modern structures.

As an additional feature the width of the outside edge can be customised.

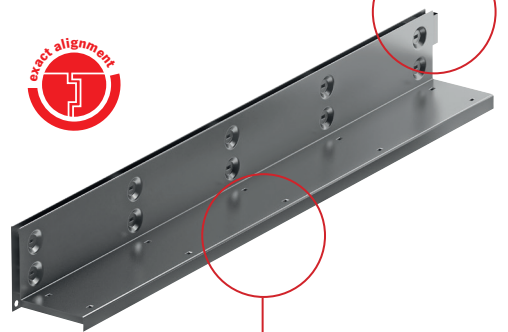




ACO DRAIN® SlotTop Single

Connector

- The new connector ensures easier installation. This feature guarantees that the slot channels form a coherent line for an aesthetic look.



Bent edge

- The horizontal edge is bent down. This way it is ensured, that there is no water leakage and no sand and dirt is getting into the channel.

Benefits Overview:

- Outstanding, but reduced look.
- Can be installed with a great variety of paving material.
- Three standard heights available. Customized heights are optional.
- Suitable for both ACO DRAIN® Multiline and XtraDrain channels.
- The protective cover lowers the risk of damages during installation significantly.
- Revision-element for easy maintenance and cleaning.
- Fully EN 1433 tested and certified.
- Totally secured system.
- Made out of stainless steel.
(Galv. steel available for SlotTop Single.)

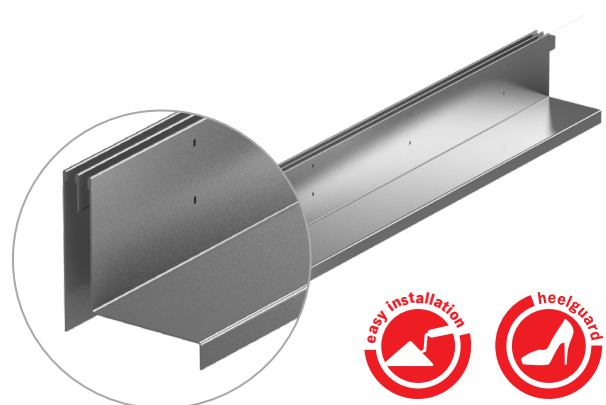


**Would you like to underline
different materials in your paving?**

ACO DRAIN® SlotTop Double

The SlotTop double is the right choice to highlight the clash of two materials. The two lines broadcast the differences and the unity at the same time.

Two parallel running lines can have a clean and calming effect and can counteract too much motion in the surface design.



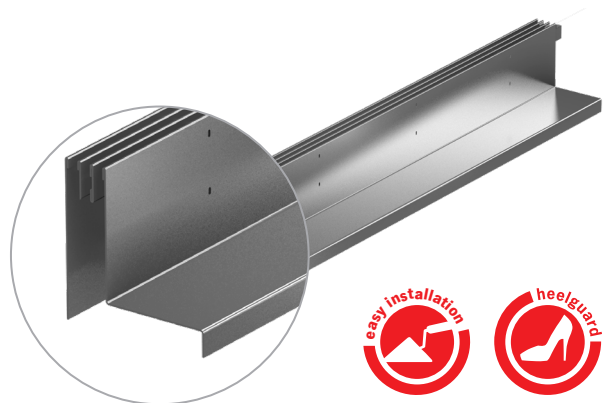


**Are you looking for drainage
that helps you create unique surfaces?**

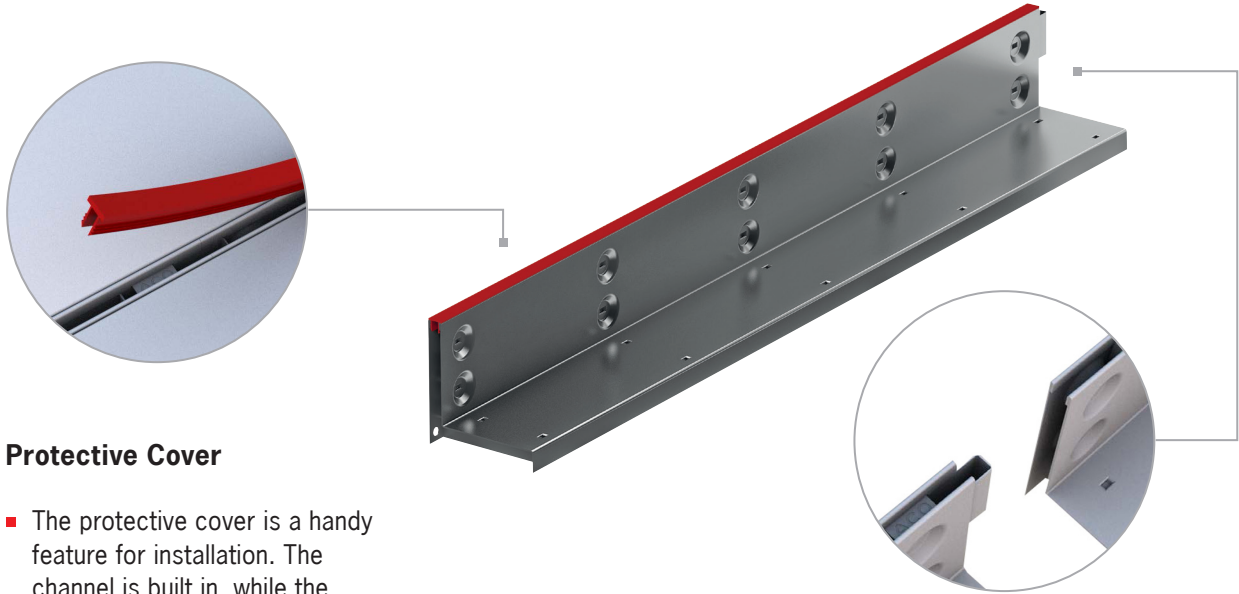
ACO DRAIN® SlotTop Triple

SlotTop Triple is the playful variant. In combination with a colourful or patterned paving it creates an exciting design. It highlights drainage and enables architects to underline, how functional elements can become aesthetical details.

As an additional quality, the SlotTop Triple has an even bigger intake area.



What are the most important advantages during installation?



Protective Cover

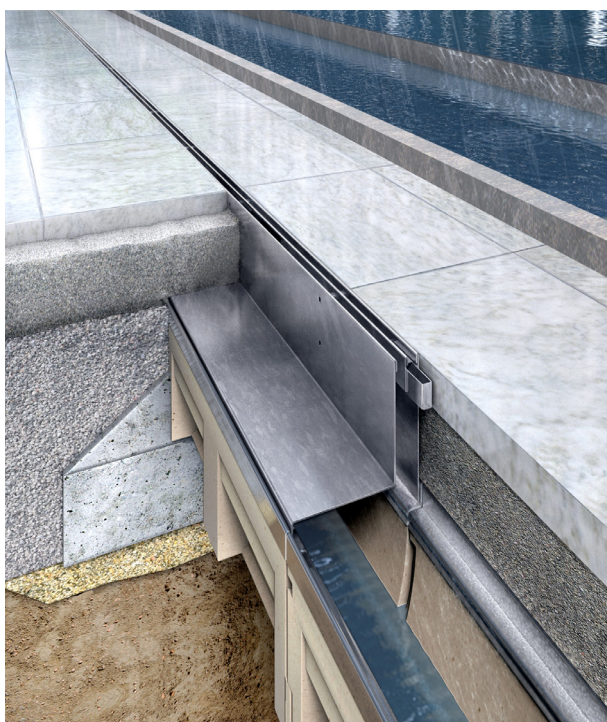
- The protective cover is a handy feature for installation. The channel is built in, while the protective cover is still covering the slot. Concrete can be placed, paving or clay can be installed.
- Once the surface is finished, the protective cover can be removed. No sand or dirt enters the channel. No scratches on the slot from installation.



For easy installation

- The connector ensures perfect gearing of the channels. This feature guarantees that the slot channels form a coherent line for an aesthetic look.

Why are the SlotTops products so easy to clean and maintain?



The revision-element allows easy access (half meter length) to the channel and can be lifted with the help of a special grating hook.

The integrated sump unit can be taken out, emptied, cleaned and put back again. Additionally the channel can be easily purged.



The ACO service chain



train

Information and Training



design

Design and optimization



support

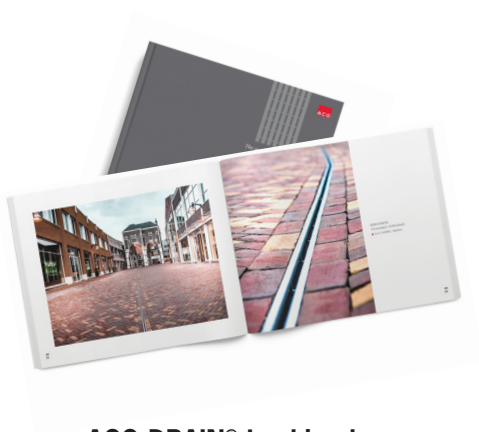
On-site support



care

Service and maintenance

Inspirational Tools



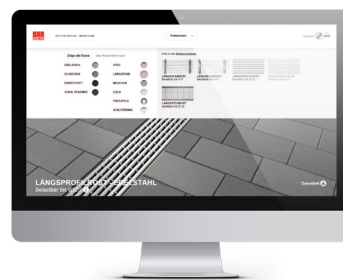
ACO DRAIN® Lookbook ‘The Aesthetics of the Line’

ACO developed the Lookbook especially for architects and planners. You will find a great variety of inspirational projects from around the world, where our products support the aesthetical appearance.



ACO Grating Selector

The Grating Selector developed by ACO is a handy tool helping you to find the right combination of gratings and surface design. Similarly to a color fan, it will help you to visualize your ideas and decide easier for the right design.



ACO DRAIN® Visualizer

Similarly to the grating selector, the ACO Visualizer was developed to help you pick the most suitable designs for your project. With innumerable combinations to completely individual designs, you are in a position to create something unique.

Find all the tools under www.aco.ro/the-aesthetics-of-the-line/

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Every ACO product supports
the ACO system chain



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ACO. we care for water

