



# ACO Freestyle gratings for Multiline channels

Freestyle design gratings 2021

## 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



2

## Design

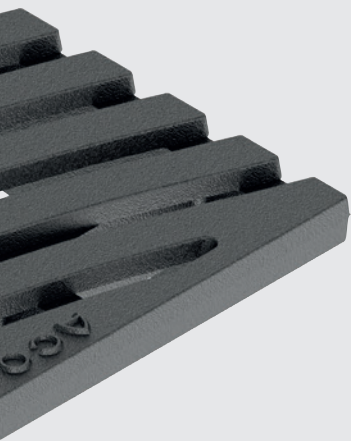
chose from  
our catalogue

## In stock

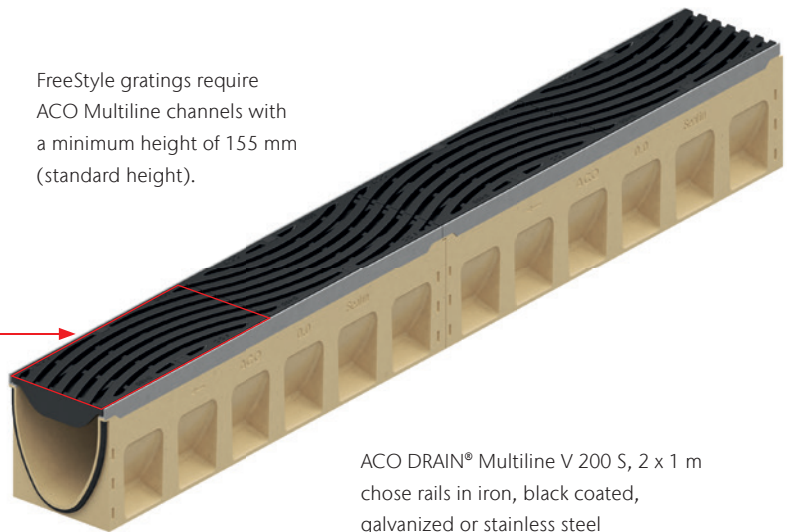
eight available patterns

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	





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



ACO DRAIN® Multiline V 200 S, 2 x 1 m  
chose rails in iron, black coated,  
galvanized or stainless steel



- load class D400 defined in DIN EN 1433
- ACO Freestyle gratings are available for ACO Multiline channel systems in the dimensions V100S, V150S, V200S, V300S and V500S
- material: ductile cast iron EN-GJS-500-
- 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]
<b>Harmony</b>					
	V 100	black coated	D 400	132135	
	V 150	—	—	—	
	V 200	—	—	—	
	V 300	—	—	—	
<b>Voronoi</b>					
	V 100	black coated	D 400	132138	
	V 150	black coated	D 400	132139	
	V 200	—	—	—	
	V 300	—	—	—	
<b>Flag</b>					
	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	
<b>Leaf</b>					
	V 100	black coated	D 400	132043	
	V 150	black coated	D 400	132066	
	V 200	black coated	D 400	132129	
	V 300	not yet available	—	—	
<b>Ray</b>					
	V 100	black coated	D 400	132088	
	V 150	black coated	D 400	132109	
	V 200	black coated	D 400	132090	
	V 300	not yet available	—	—	

Freestyle grating [0,5 m]	Dimension	Coating	Load class	Art.no.	Price [EUR]
<b>Square</b>					
	V 100	black coated	D 400	132082	
	V 150	black coated	D 400	132077	
	V 200	black coated	D 400	132064	
	V 300	not yet available	–	–	
<b>Nature</b>					
	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	
<b>Industrial Microgrip</b>					
	V 100	not yet available	–	–	
	V 150	black coated	D 400	132518	
	V 200	black coated	–	–	
	V 300	not yet available	–	–	

- 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® Multiline V100S  
with freestyle gratings "Nature"



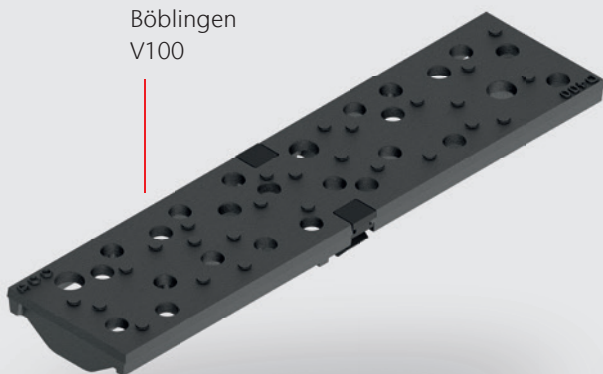
# Design

## Available 'made to order'-designs

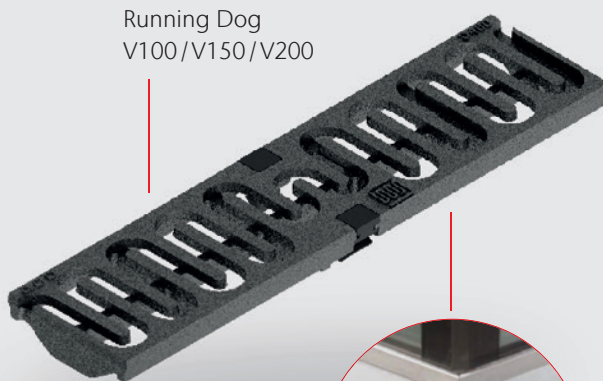
Architectural features such as entrances, promenades, courtyards and landscaped areas, can all have their appearance significantly enhanced through the creative use of ACO Freestyle gratings.

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

Böblingen  
V100

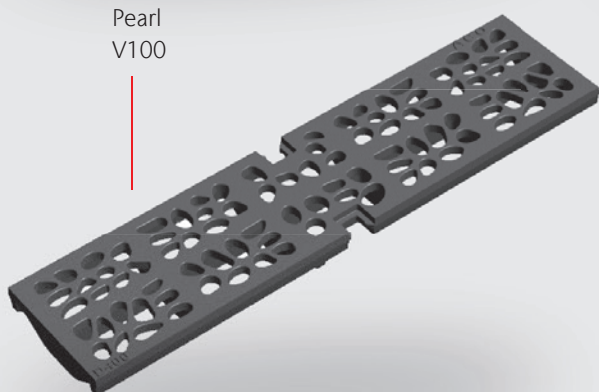


Running Dog  
V100/V150/V200

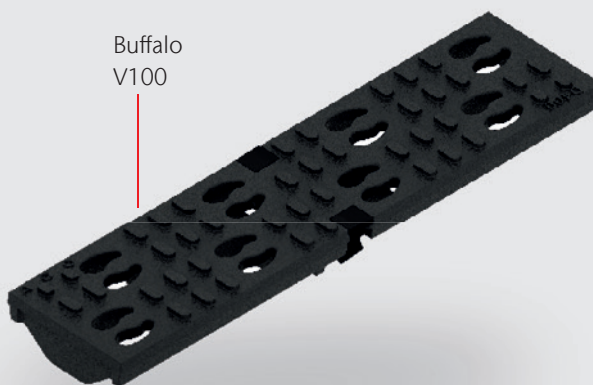


Running Dog  
corner solution

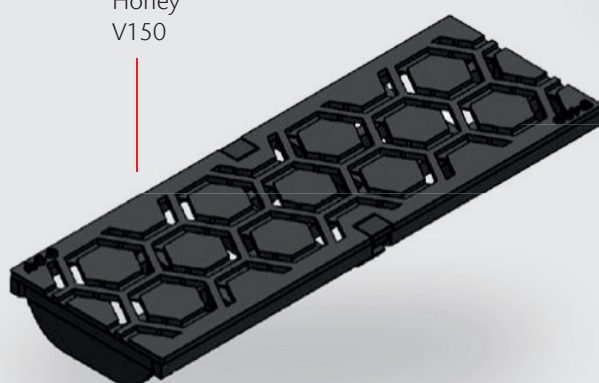
Pearl  
V100



Buffalo  
V100



Honey  
V150



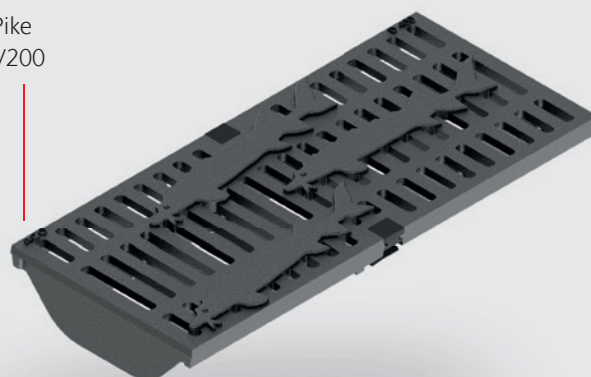
Retro  
V150



Monoblock  
V200



Pike  
V200



DrainBow  
V200



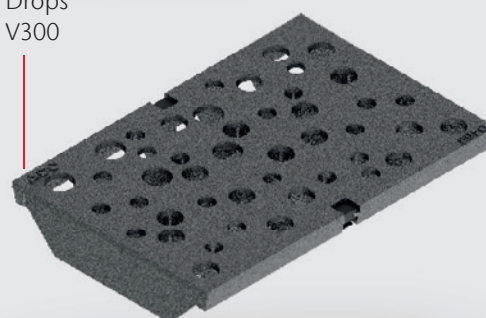
TreeB  
V200



TreeA  
V200



Drops  
V300



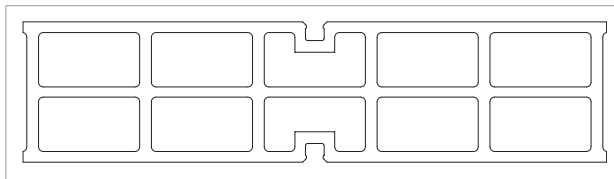
# Customized

## Your idea is getting a grate

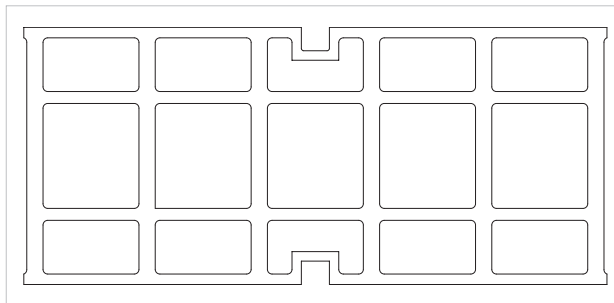
Send your idea to our technical department who will gladly give you a template with the dimensions for the chosen grate size.

### 1 Idea

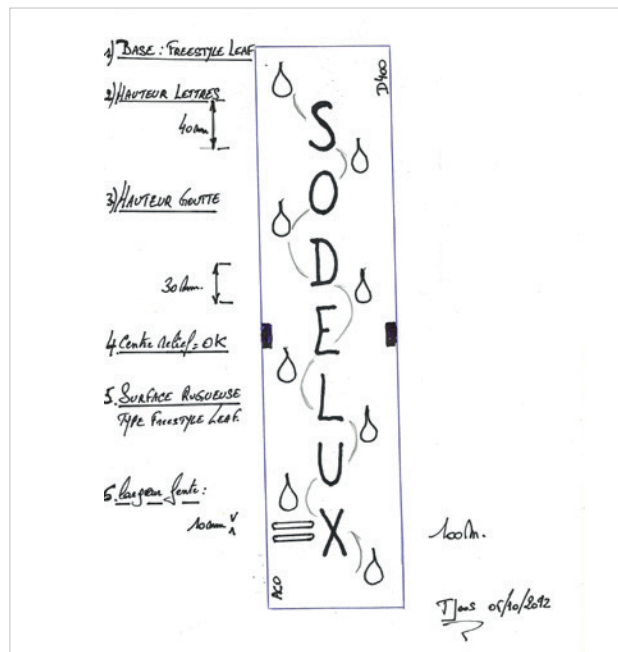
Your design can be a drawing or already a CAD file.



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

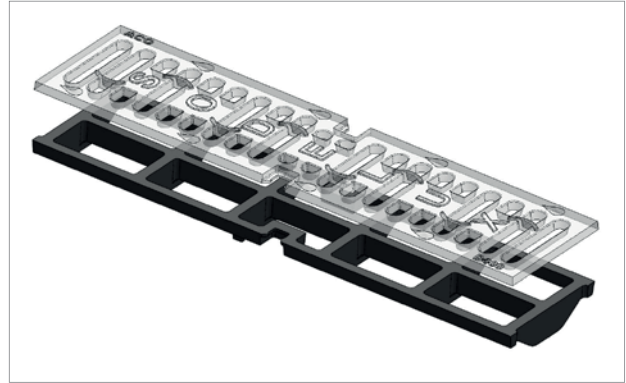


Shoring of the grate of nominal width 200 (500 x 223 mm)



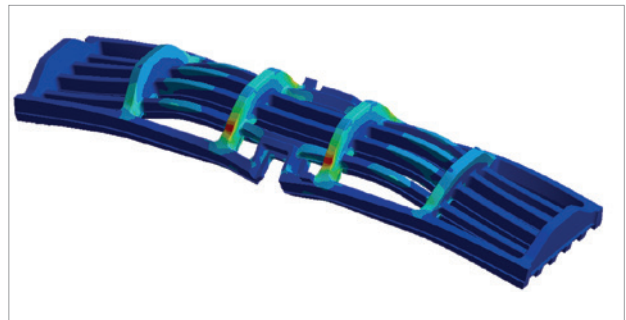
### 2 3D-Model

You can already develop the grate as a 3D model. As a basis, you 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.



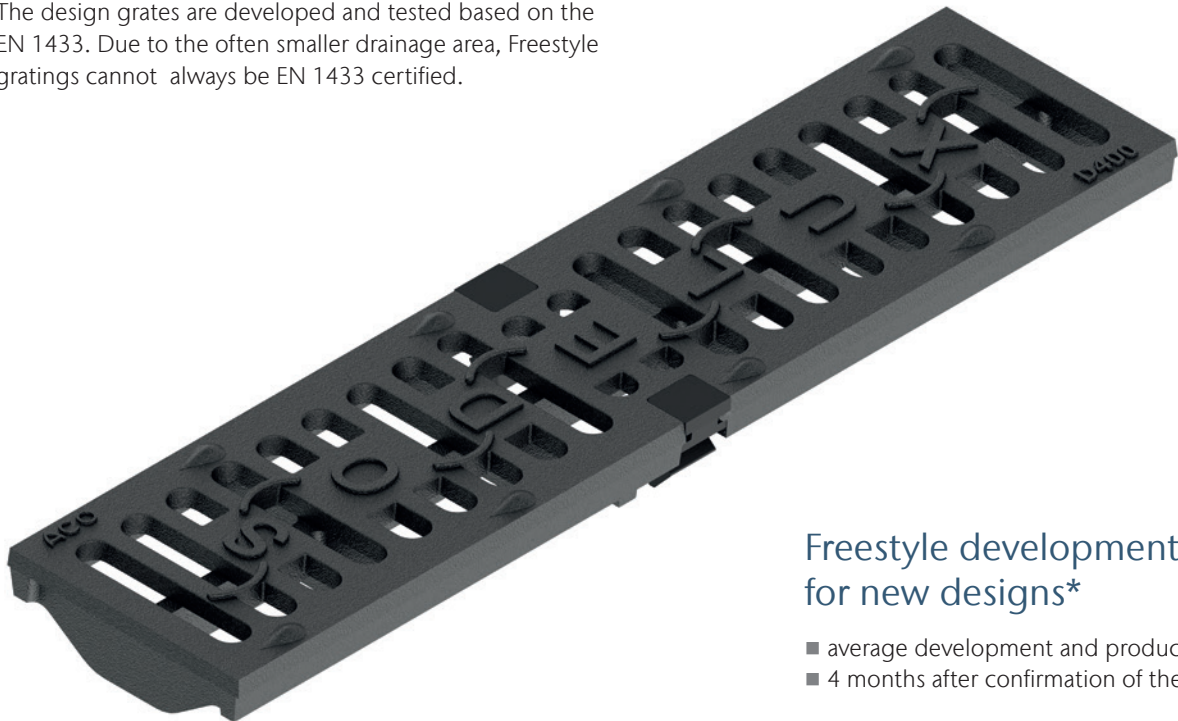
## 6 Surface protection

The standard surface protection is a waterbased colour.



## 7 Certification

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



### Freestyle development costs for new designs\*

- average development and production time:
- 4 months after confirmation of the drawings

Dimension	Price [EUR]
V 100	
V 150	
V 200	
V 300	



## ACO Freestyle references

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.



**CITY CENTER** Baarn, Netherlands (designed by Marlies van Diest)



**HARMONY** convinces with its simple elegance of only one winding central strip



**PEDESTRIAN ZONE "FELDSCHMIEDE"** Itzehoe, Germany



**MARKET SQUARE** Geilo, Norway





**EKKERSRIJT FURNITURE MALL** Son en Breugel, Netherlands



Every ACO product supports  
the ACO system chain



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**ACO. creating  
the future of drainage**

