



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

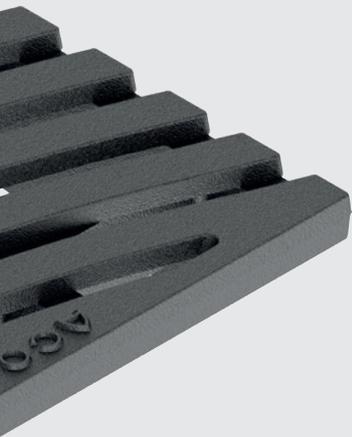
Design

chose from
our catalogue

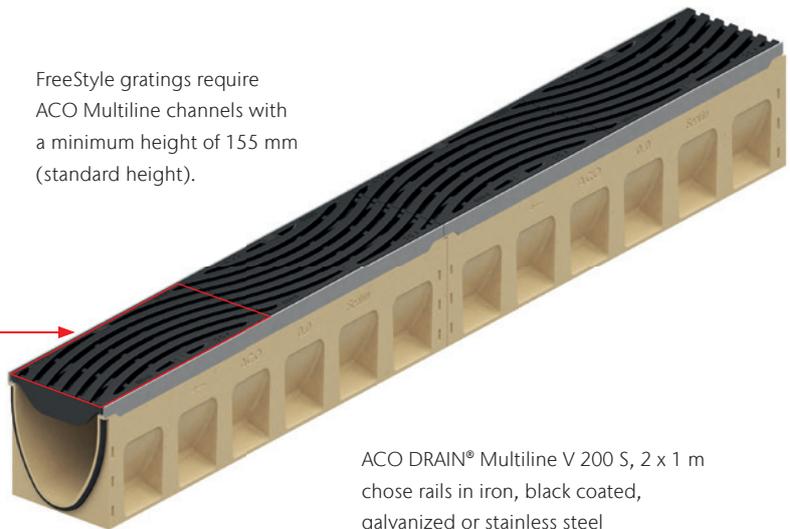
In stock

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
chase 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] |
|---|-----------|-------------------|------------|---------|-------------|
| Harmony | | | | | |
|  | V 100 | black coated | D 400 | 132135 | |
| | V 150 | – | – | – | |
| | V 200 | – | – | – | |
| | V 300 | – | – | – | |
| 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 | not yet available | – | – | |
| Ray | | | | | |
|  | 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] |
|---|-----------|-------------------|------------|---------|-------------|
| Square | | | | | |
|  | 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 | – | – | |
| 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 | 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"

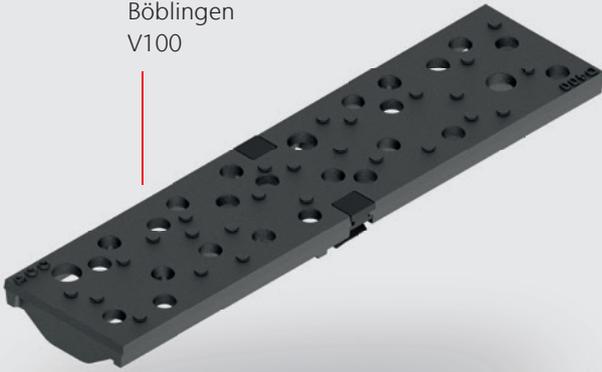
Design

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.

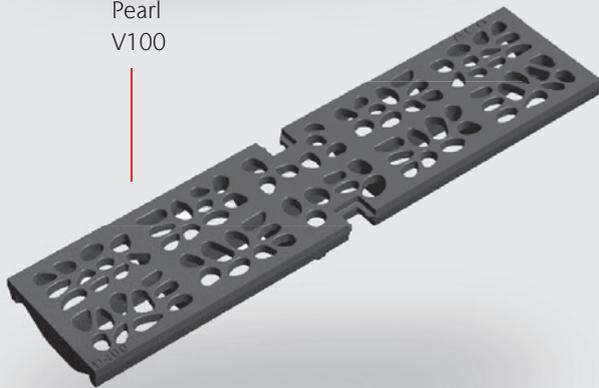
Böblingen
V100



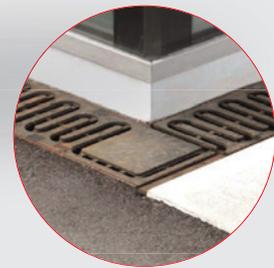
Running Dog
V100/V150/V200



Pearl
V100



Running Dog
corner solution



Buffalo
V100



Honey
V150



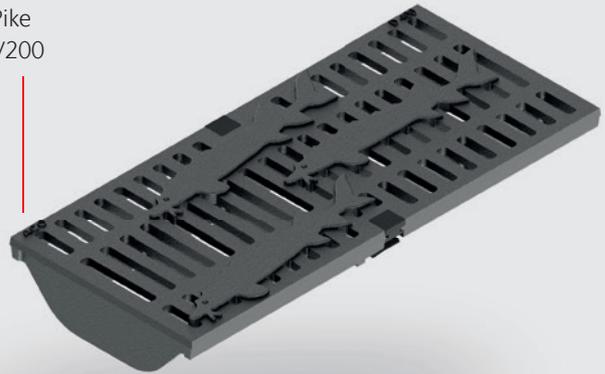
Retro
V150



Monoblock
V200



Pike
V200



DrainBow
V200



TreeB
V200



TreeA
V200



Drops
V300



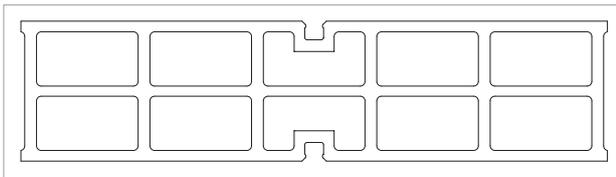
Customized

Your idea is getting a grate

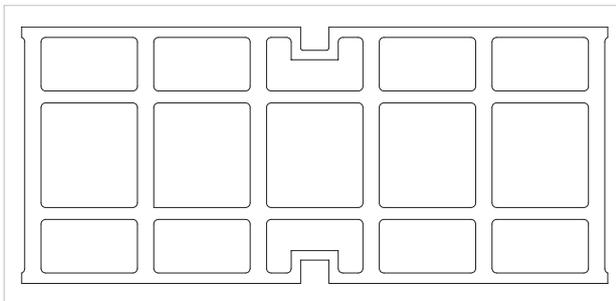
Send your idea to our technical department who will gladly give you a template with the dimensions for the chosen grate size.

1 Idea

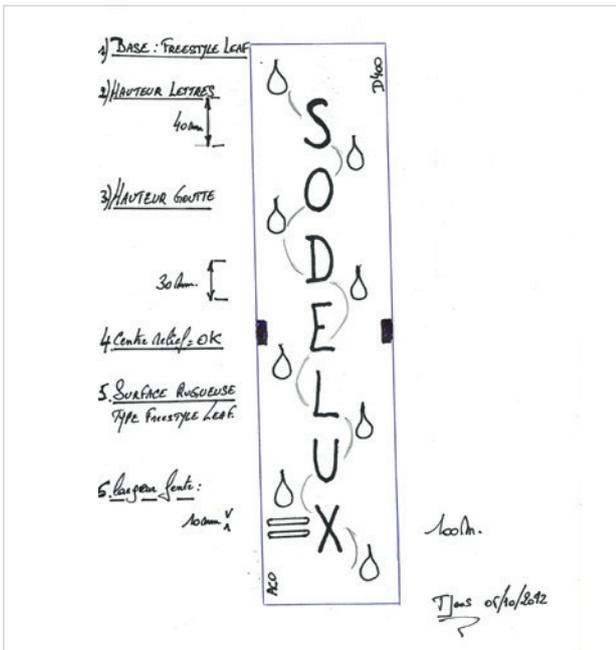
Your design can be a drawing or already a CAD file.



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



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



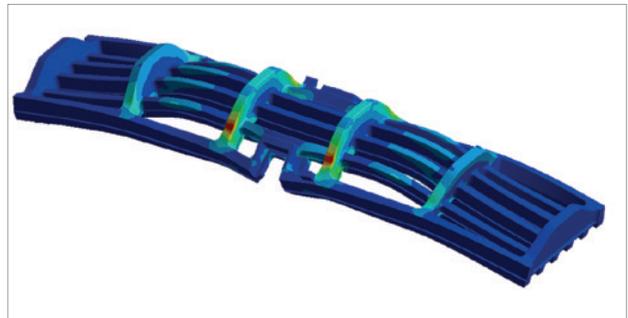
2 3D-Model

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 gratings 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.



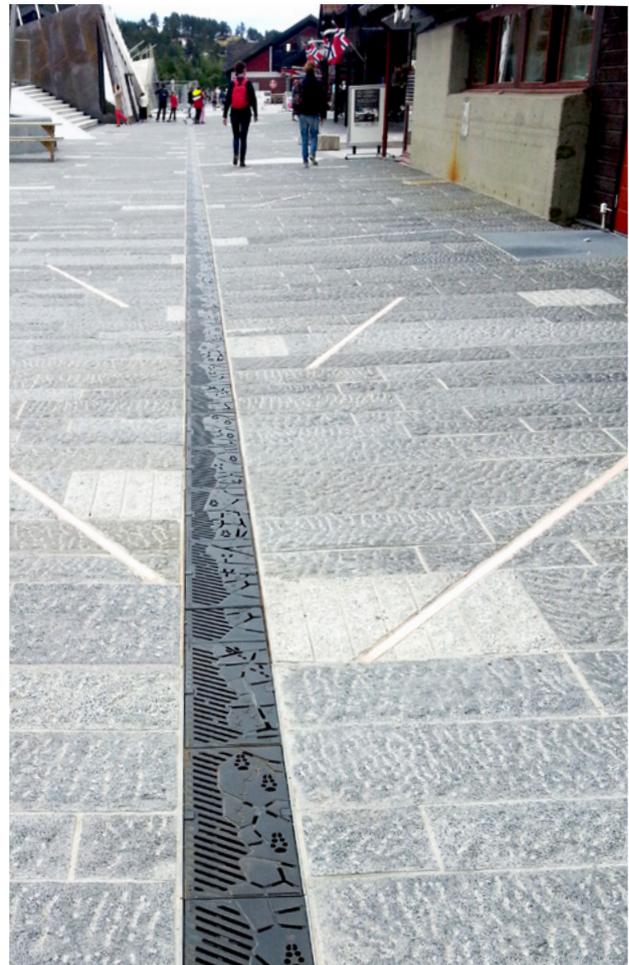
CITY CENTER Baarn, Netherlands (designed by Marlies van Diest)



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**

