

ACO. we care for water



Design

inspired by nature

ACO Voronoi Design Grating



reddot winner 2020



DESIGN  
AWARD  
2021





### ACO Voronoi design grating

Voronoi cast iron grating for ACO's drainage systems is inspired by the beauty of the nature. The seemingly random arrangement of geometric shapes creates a unique design. A pattern can be found in the spots of a giraffe or in the fine wings of a butterfly. This pattern also develops when the soil begins to crack during drought.





Franck Magné

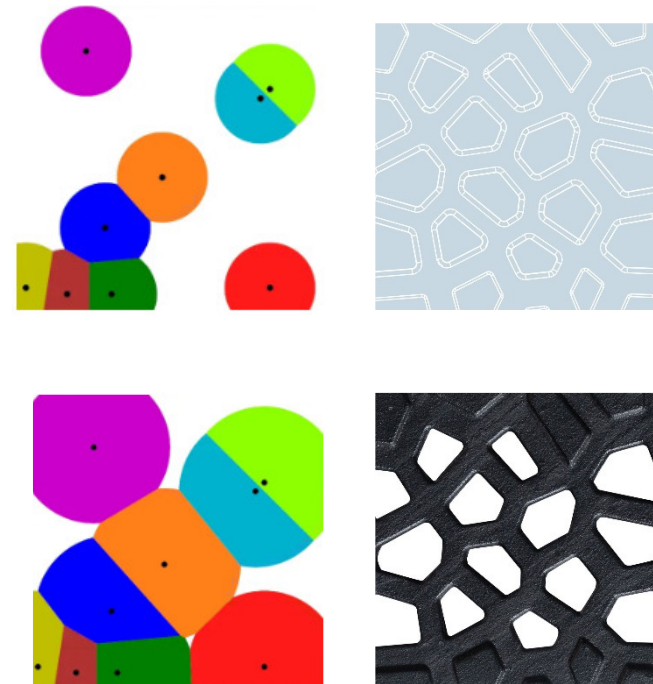
This remarkable design was created by french designer and environmental activist Franck Magné. Eco-consciousness, innovative behaviors and stimuli inspire him. So he created more than an object, he created an experience.





## Voronoi Diagram

The structure found in nature can be calculated. The mathematical construct can be described by a space with a given set of points. These points are described as centres. Each region is defined by exactly one centre, and the region is bounded by the fact that it is closer to its own centre than to any other centre. The contour of the regions is thus drawn by the same distance to two centres. This is how the so-called Voronoi regions are created.







reddot winner 2020

- The Red Dot Award: Product Design honours the best products of the year.
- The Red Dot Award has existed in its origins since 1955
- Motto "In search of good design and innovation" - "In search of good design and innovation".
- The Red Dot jury only awards the Red Dot to products that convince through good design quality.



- The iF Design Award is an annual award in the field of product design.
- This award has been presented since 1954
- Idea, form, function, distinction and effect are evaluated





## ACO Voronoi cast iron grating

- Grating for channels
- Grating for point gullies
- One look for different products
- Enables a fully harmonised **space** design
- Material: cast iron
- **For patios, gardens, driveways, city centers and other public spaces**
- **Car&truck accessible (A15-D400 EN 1433)**









ACO. we care for water