



## *The Aesthetics of the Line*

Line Drainage – for Unique Locations







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ACO DRAIN® surfaces are as diverse as the architectural demands.

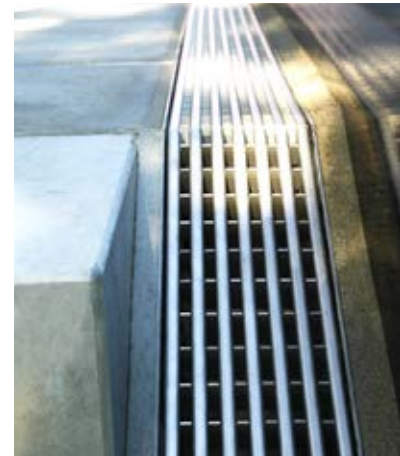
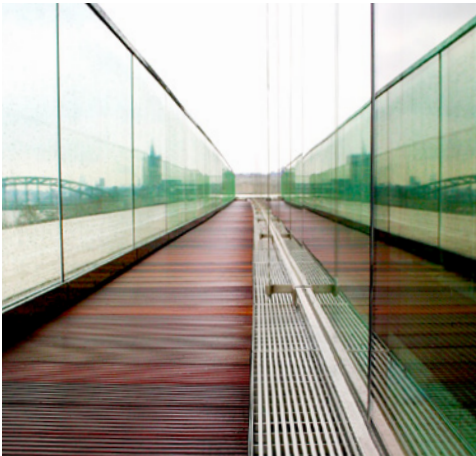
Function and aesthetics always create a unique relationship. Be it ductile iron, galvanized steel, stainless steel, plastic or polymer concrete: Our surfaces always suit the situation – or even add aesthetic value. Slotted frames work as a design element in the architectural design; light trails lead the eye into the distance and provide orientation. Individually designed grating systems open the space for inspiration.

We invite you to join us on a journey to very special places – thanks also to the creative drainage solutions.

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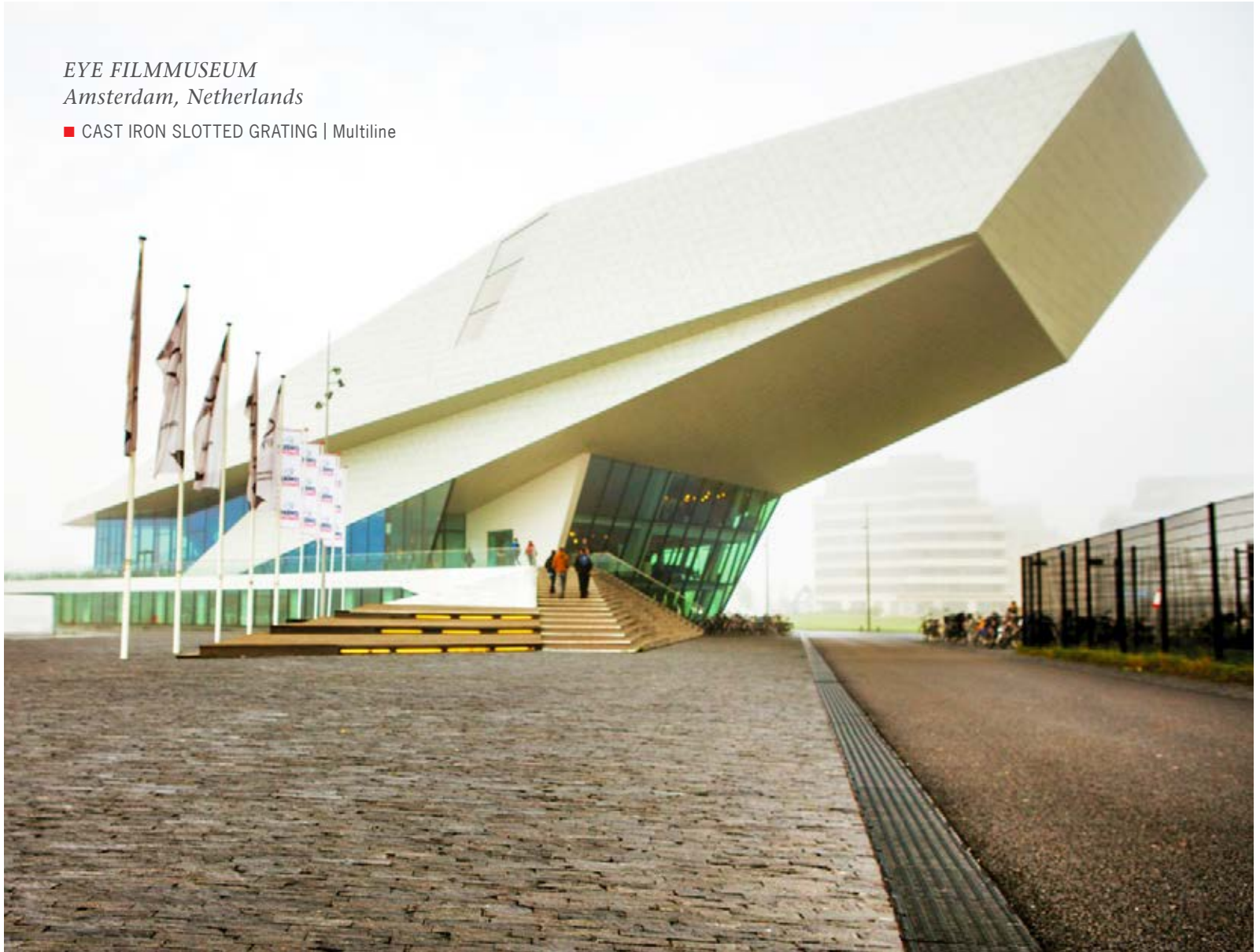




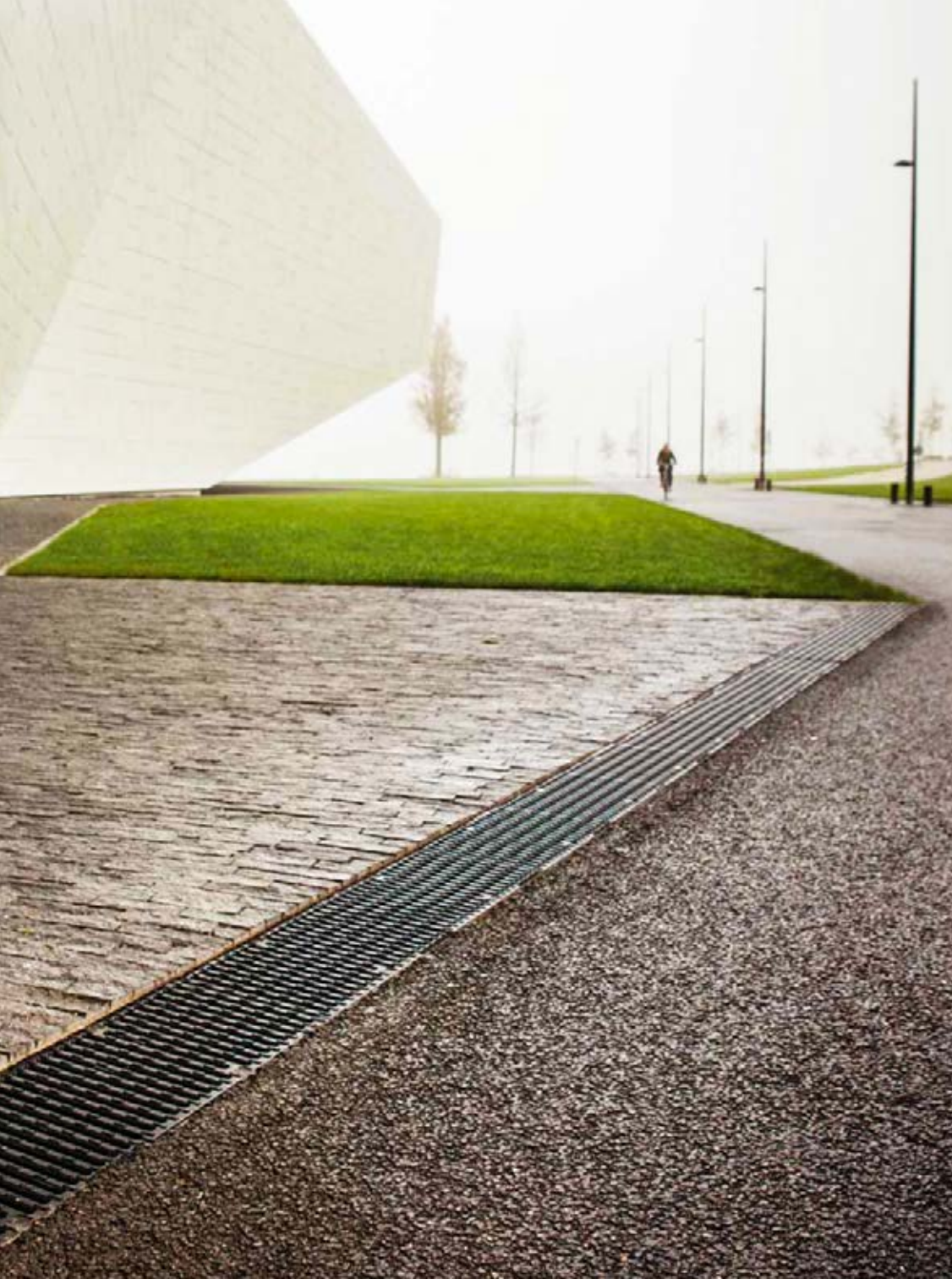
*Line Drainage with Grating*

*EYE FILMMUSEUM*  
*Amsterdam, Netherlands*

■ CAST IRON SLOTTED GRATING | Multiline







*“True art is selfish.”*

Ludwig van Beethoven



*PALEISBRUG*

*'s-Hertogenbosch, Netherlands*

■ CAST IRON SLOTTED GRATING | Multiline







*COLEGIO DEL AIRE*  
*Zapopan, Mexico*

■ CAST IRON GRATING FREESTYLE | Multiline



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

■ CAST IRON GRATING FREESTYLE | Multiline





*“The extraordinary  
does not happen in a straight,  
ordinary way.”*

Johann Wolfgang von Goethe



ERGO INSURANCE GROUP  
Hamburg, Germany

■ FACADE DRAINAGE | Profiline







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

■ CAST IRON GRATING FREESTYLE | Multiline



*TOOSBY TORV (ECCO)*  
*Bredebro, Denmark*

■ CAST IRON GRATING FREESTYLE | Multiline









DE BLOB  
Eindhoven, Netherlands

■ SLOTTED GRATING | Multiline



*“The noblest  
of the elements  
is water.”*

Pindar







*LE JARDIN D'ACCLIMATATION*  
*Louis Vuitton Foundation – Paris, France*

■ RADIUS CHANNEL



*ADIDAS HEADQUARTER  
Herzogenaurach, Germany*

■ FACADE DRAINAGE | Profiline







*DC TOWER 1  
Vienna, Austria*

■ FACADE DRAINAGE | Profiline





*COLUMBIA HOTEL*  
*Wilhelmshaven, Germany*  
■ FACADE DRAINAGE | Profiline





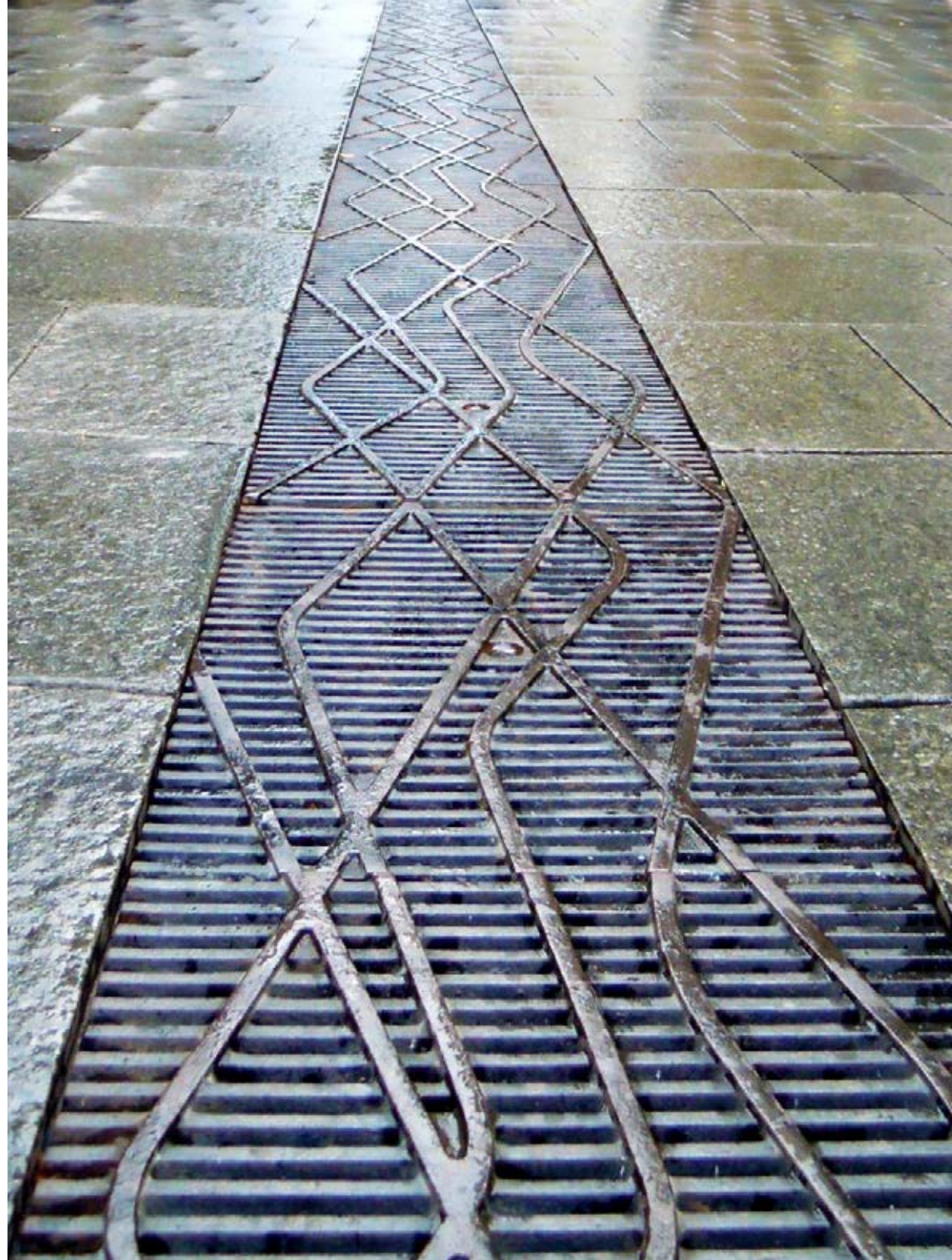
*“It takes many strings  
tuned differently  
to create harmony.”*

Joseph Karl Benedikt Freiherr von Eichendorff



*PITT STREET*  
*Sydney, Australia*

■ FREESTYLE | Multiline





*LUNAR PARK  
Sydney, Australia*

■ LONGITUDINAL BAR GRATING | Multiline









*NATIONAL MARITIME MUSEUM  
London, United Kingdom*

■ SLOTTED GRATING | Multiline



*“A path is made  
by walking on it.”*

Dschuang Dsi





*KÄTHE AHLMANN HAUS*  
*Büdelsdorf, Germany*

■ LONGITUDINAL PROFILE GRATING | Multiline

*BATHING BEACH*  
*Müritz, Germany*

■ SLOTTED GRATING | Multiline





*EXPERIENCE PROMENADE*  
*Laboe, Germany*

■ CAST IRON GRATING FREESTYLE | Multiline





*MARKET SQUARE  
Geilo, Norway*

■ CAST IRON GRATING FREESTYLE | Multiline







*KVÆSTHUSMOLEN  
Copenhagen, Denmark*

■ CAST IRON GRATING FREESTYLE | Multiline

*GLOBETROTTER STORE*  
*Hamburg, Germany*

■ FACADE DRAINAGE | Profiline





*RONDO SHOPPING MALL*  
*Büdel Dorf, Germany*

■ COMPOSITE GRATING | Multiline





*OLD HARBOR*  
*Wismar, Germany*

■ SLOTTED GRATING | Multiline





*MARINA KORNATI*  
*Zadar, Croatia*

■ SLOTTED GRATING | Multiline

*AIRPORT FIRE SERVICE  
Leipzig, Germany*

■ SLOTTED GRATING | PowerDrain







*“Power does not  
make noise,  
it is there and acts.”*

Albert Schweitzer

EXHIBITION CENTER  
Hannover, Germany

■ SLOTTED GRATING | PowerDrain



*CENTRAL RAILWAY STATION*  
*Vienna, Austria*

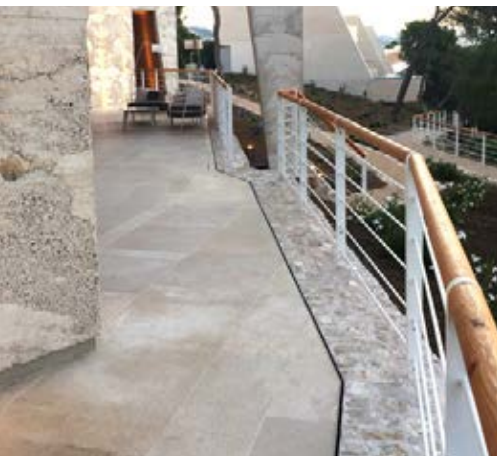
■ SLOTTED GRATING | Multiline





*BERGPARK WILHEMSHÖHE*  
*Kassel, Germany*

■ SLOTTED GRATING | PowerDrain







*Line Drainage with Slot Channel*

*FRIES MUSEUM*  
*Leeuwarden, Netherlands*

■ SLOT CHANNEL | Multiline







COMMUNITY CENTRE  
Drimmelen, Netherlands

■ SLOT CHANNEL | Multiline







GARE DES GUILLEMINS  
Liège, Belgium

■ SLOT CHANNEL | Multiline







*GARE DES GUILLEMINS*  
*Liège, Belgium*

■ SLOT CHANNEL | Multiline





*“Even detours  
expand our horizons.”*

Ernst Ferstl

ALMERE POORT  
Almere, Netherlands  
■ SLOT CHANNEL | Multiline





*HOTEL D-RESORT ŠIBENIK*  
*Mandalina, Croatia*

■ SLOT CHANNEL | Multiline



*MUNICIPAL OFFICES  
Jaarbeurspfein, Netherlands*

■ SLOT CHANNEL | Multiline





*PARK WIJHEZICHT*  
*Wijhe, Netherlands*

■ SIDELINE with LED Lighting | Multiline





*RIPPERDA BARRACKS*  
*Haarlem, Netherlands*

■ SLOT CHANNEL | Multiline





VILLE DE VILLEFRANCHE DE ROUERQUE  
Aveyron, France

■ SLOT CHANNEL | Multiline





*PARLAIS LIECHTENSTEIN*  
*Vienna, Austria*

■ SLOT CHANNEL | Multiline

*“History does not  
end with us.”*

Sokrates









*RIJKOOMPJE*  
*Veenendaal, Netherlands*

■ SLOT CHANNEL | Multiline



*CUTTY SARK GARDENS*  
*London, United Kingdom*

■ SLOT CHANNEL | Multiline



CITY CENTRE  
Plovdiv, Bulgaria

■ SLOT CHANNEL | Multiline







*LUKA GAZENICA*  
*Zadar, Croatia*

■ Q-GUARD | Qmax





NATIONAL GALLERY  
*Leipzig, Germany*

■ SLOT CHANNEL | Multiline

*SERVISNI CENTAR  
Trogir, Croatia*

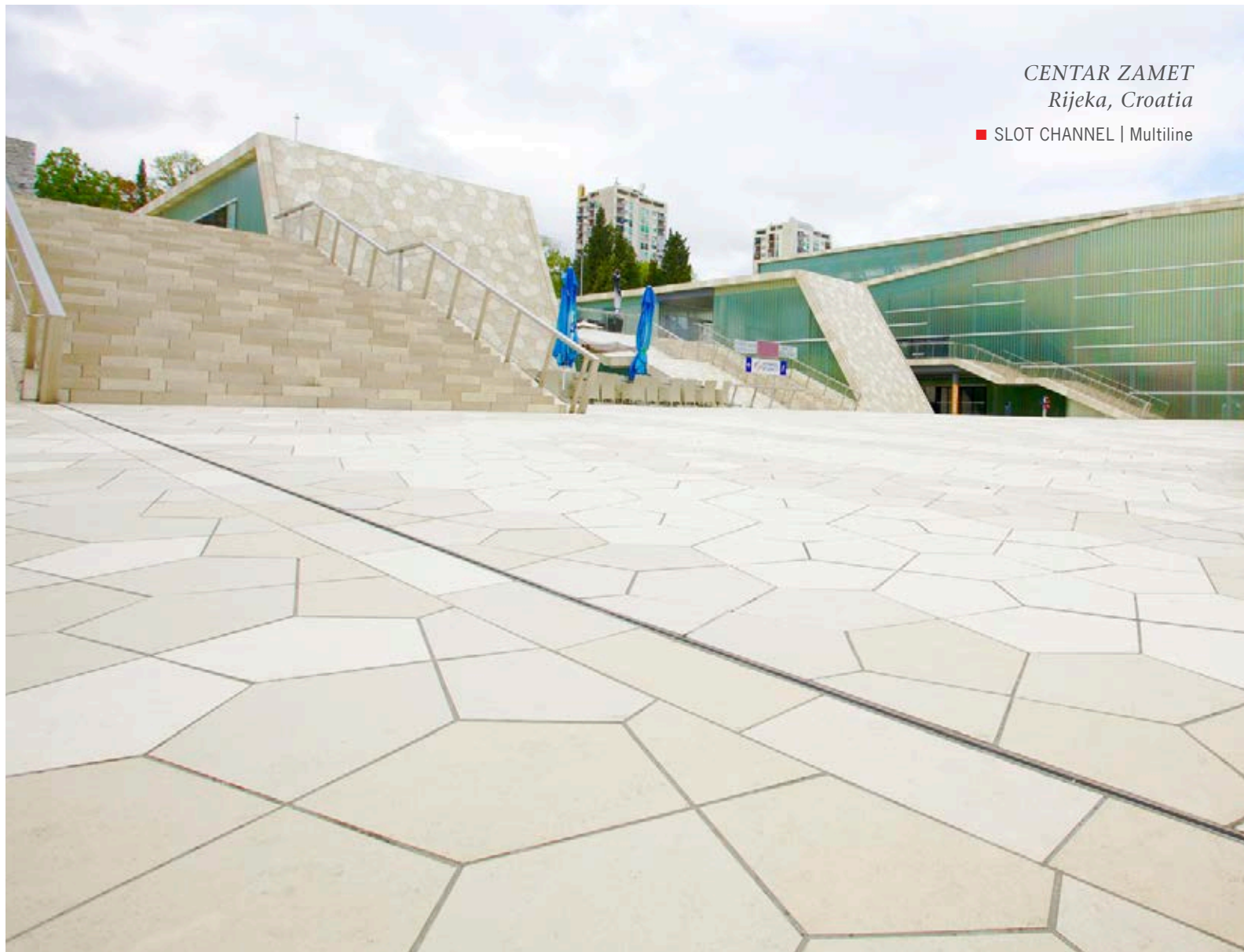
■ SLOT CHANNEL | Multiline

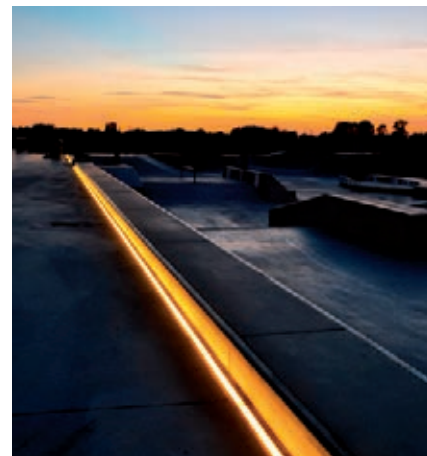
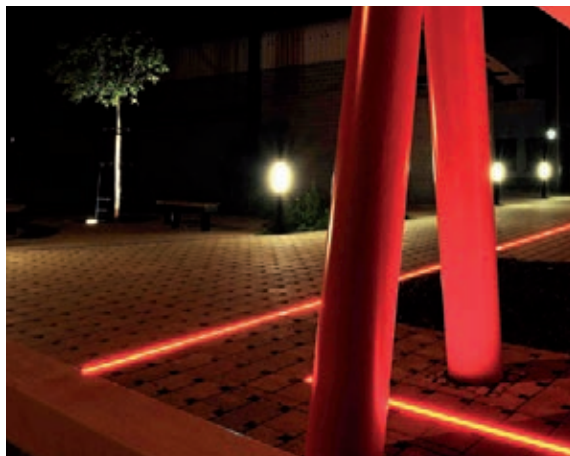




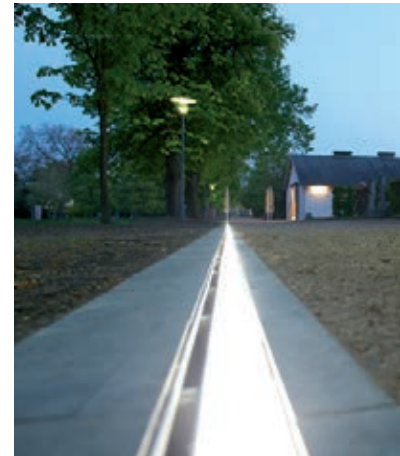
*CENTAR ZAMET*  
*Rijeka, Croatia*

■ SLOT CHANNEL | Multiline









*Line Drainage with Lighting*

*“Light is a symbol  
of life and joy.”*

Honoré de Balzac



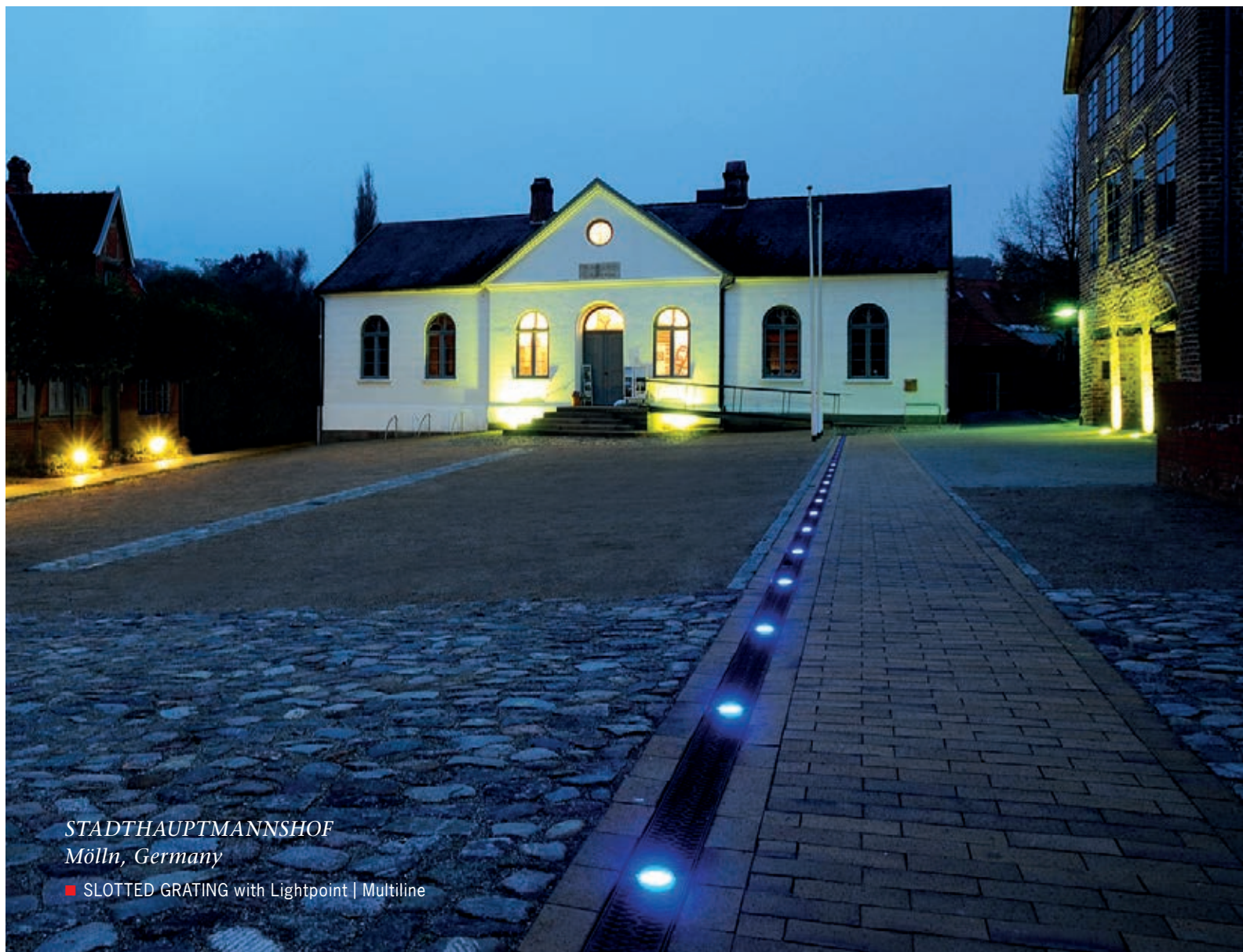




*SCULPTURE PARK NORDART*  
*Büdelsdorf, Germany*

■ SIDELINE with LED Lighting | Multiline





STADTHAUPTMANNSHOF  
Mölln, Germany

■ SLOTTED GRATING with Lightpoint | Multiline





*OBEREIDERHAFEN  
Rendsburg, Germany*

■ SLOTTED GRATING with Lightpoint | Multiline





*THE GARDEN OFFICES  
Amstelveen, Netherlands*

■ SIDELINE with LED Lighting | Multiline





*BUS STATION  
Herne, Germany*

■ SIDELINE with LED Lighting | Multiline







SKATEPARK  
*Zwevezele, Belgium*

■ SIDELINE with LED Lighting | Multiline



PEDESTRIAN ZONE "FRIEDRICHSTRASSE"  
Heide, Germany

■ CAST IRON GRATING FREESTYLE with Eyeleds | Multiline





*LE PLACE DE LA FONTAINE CHAUDE*  
*Dax, France*

■ SIDELINE with LED Lighting | Multiline

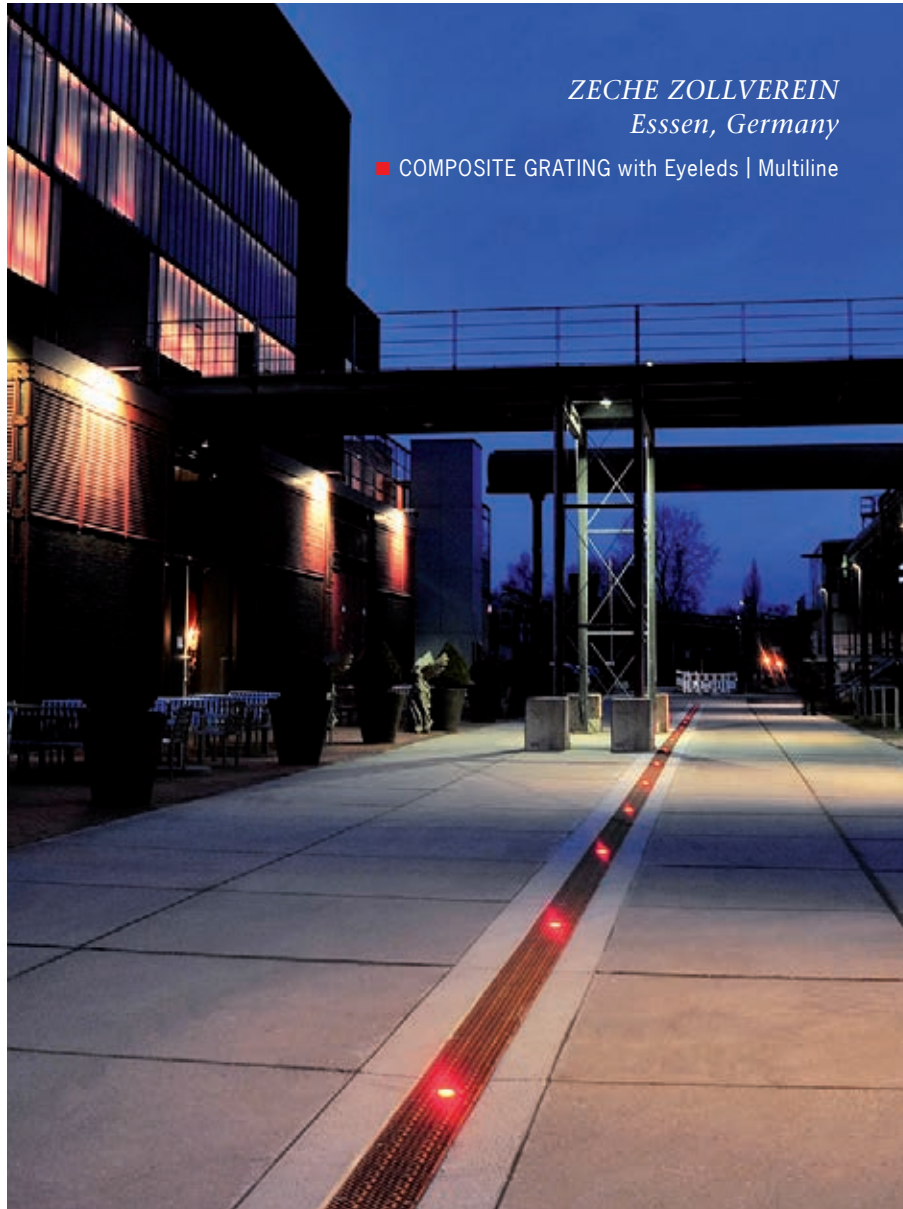
*INLAND HARBOUR QUAY*

*Kiel, Germany*

■ SLOTTED GRATING with Lightpoint | Multiline







ZECHÉ ZOLLVEREIN  
Essen, Germany

■ COMPOSITE GRATING with Eyeleds | Multiline

*“Light absorbs darkness,  
creating a safe haven.”*

Pavel Kosorin

ACO ACADEMY  
*Stadtlengsfeld, Germany*

■ SIDELINE with LED Lighting | Multiline







*ACO THORMANNHALLE*  
*Büdelsdorf, Germany*

■ SIDELINE with LED Lighting | Multiline

*RVT SINT-JOZEF  
Ertvelde, Belgium*

■ SIDELINE with LED Lighting | Multiline







*STATE HORTICULTURAL SHOW  
Schleswig, Germany*

■ SLOTTED GRATING with Lightpoint | Multiline







*Monolithic Line Drainage*







*STATE ROAD 22  
Rostock, Germany*

■ KerbDrain



KIELER YACHT-CLUB  
Kiel, Germany

■ KerbDrain







*YACHT MARINA  
Kiel, Germany*

■ KerbDrain



*CIRCUIT DE CATALUNYA*  
*Barcelona, Spain*

■ MONOBLOCK





AIR BASE  
*Ingolstadt-Manching, Germany*

■ MONOBLOCK

*VIRACOPOS AIRPORT*  
*Campinas, Brazil*

■ MONOBLOCK



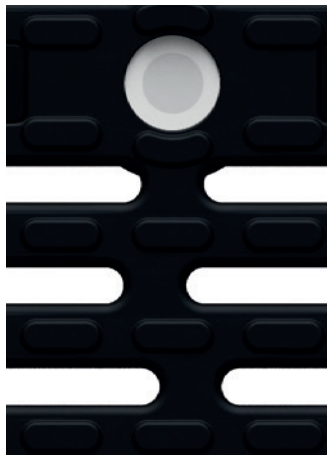
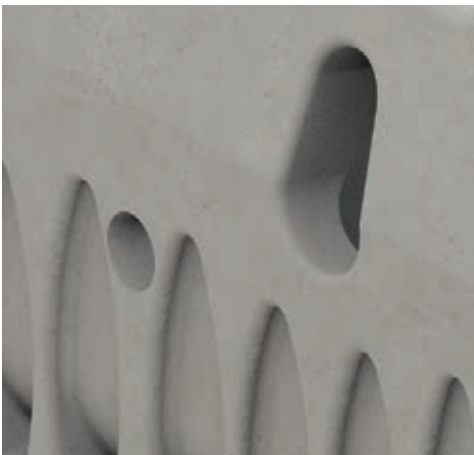




*SERVISNI CENTAR*  
*Trogir, Croatia*  
■ MONOBLOCK







## *Product & Service*

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## ACO DRAIN® Gratings and Covers

### Drainlock Gratings and Covers for ACO Multiline and XtraDrain

Slotted grating  
Galvanized steel  
Stainless steel



Slotted grating  
Ductile iron



Slotted grating  
Heelguard  
Ductile iron



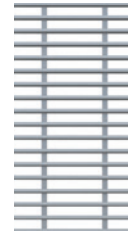
Composite grating  
silver grey  
Plastic



Composite grating  
Microgrip  
Plastic



Cross bar grating  
Stainless steel



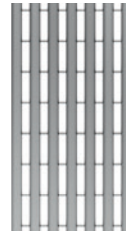
Longitudinal  
bar grating  
Galvanized steel  
Stainless steel



Heelsafe  
bar grating  
Stainless steel



Longitudinal  
profile grating  
Galvanized steel  
Stainless steel

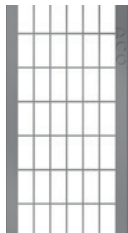




Longitudinal  
bar grating  
in mesh design  
Ductile iron



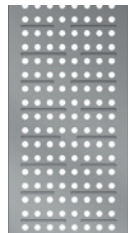
Mesh grating  
Galvanized steel  
Stainless steel



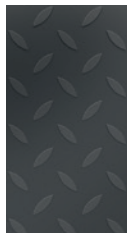
Mesh grating Q+  
Galvanized steel  
Stainless steel



Perforated grating  
Galvanized steel  
Stainless steel



Solid cover  
Ductile iron



Slot channel  
Galvanized steel  
Stainless steel



LightPoint  
Ductile iron



Lighting

Eyeleds  
Plastic



LED lighting

Sideline  
Galvanized steel



Freestyle  
Design flag  
Ductile iron



LED lighting



## ACO DRAIN® Gratings and Covers

### Gratings for ACO PowerDrain and SK

Slot grating  
Ductile iron



### Rails for ACO Qmax

Q-Flow  
Ductile iron



Q-Flow  
Galvanized steel



Q-Guard  
Ductile iron



Q-Guard  
Galvanized steel



Q-Road  
Ductile iron

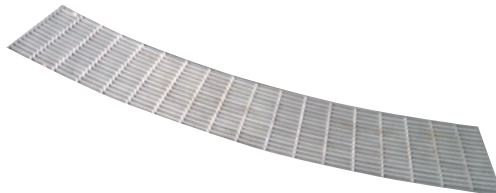


Q-Slot  
Galvanized steel



### Special Solutions

Radius channels  
Stainless steel

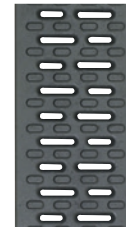


### Monolithic

Monoblock RD  
Polymer concrete



Monoblock PD  
Polymer concrete



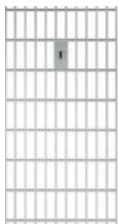
KerbDrain  
Polymer concrete





## Facade Gratings

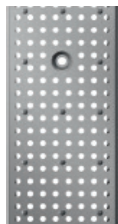
Mesh grating  
Galvanized steel  
Stainless steel



Slot grating  
Galvanized steel  
Stainless steel



Perforated grating  
Galvanized steel  
Stainless steel



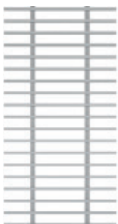
Heelsafe (rough) grating  
Stainless steel



Heelguard (fine) grating  
Stainless steel



Cross bar grating  
Galvanized steel  
Stainless steel



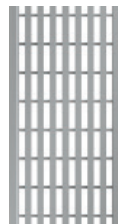
Longitudinal slot grating  
Stainless steel



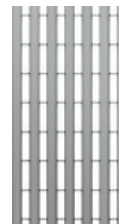
Longitudinal bar grating  
Galvanized steel  
Stainless steel



Heelsafe grating  
Stainless steel



Longitudinal profile grating  
Galvanized steel  
Stainless steel



Composite grating  
Plastic



## ACO DRAIN® Line Drainage

### ACO Multiline Drainage Channel



**Seal**  
in  
TECHNOLOGY

ACO Multiline Seal in: New channel with integrated seal as standard.

#### Load classes

- A 15
- B 125
- C 250
- D 400
- E 600

in accordance with EN 1433

#### Nominal widths

100, 150, 200, 300, 400, 500

#### Material

Polymer concrete channel with steel, stainless steel or ductile iron edge

#### Areas of application

- Railway plat forms
- Façade drainage
- Pedestrian areas, paths/ bicycle paths
- Light channels
- Public paths and places
- Parking decks, car parks
- Ramps/under ground car park entrances

### ACO XtraDrain Drainage Channel



#### Load classes

- A 15
- B 125
- C 250

in accordance with EN 1433

#### Nominal widths

100, 150, 200

#### Material

Plastic (PP) with plastic edge, galvanized steel edge

#### Areas of application

- Façade drainage
- Pedestrian areas, paths/ bicycle paths
- Car parks
- Design and light



## ACO PowerDrain and SK Heavy Duty Channel



### Load classes

- A 15      ■ C 250      ■ E 600
- B 125    ■ D 400      ■ F 900

in accordance with EN 1433

### Nominal widths

PowerDrain: 75/100, 125/150,  
175/200, 275/300

SK: 100, 150, 200, 300

### Material

polymer concrete channels with  
ductile iron edge and gratings

### Areas of application

- Bus stations
- Pedestrian areas
- Containertrans-  
hipping facilities  
and roads
- Industrial  
surfaces
- Car parks
- Logistics  
facilities
- WHG-Water  
conservation  
and protection  
surfaces
- Service stations
- Airport surfaces

## ACO Qmax Hydraulic Capacity Slot Channel



### Load classes

- A 15      ■ C 250      ■ E 600
- B 125    ■ D 400      ■ F 900

in accordance with EN 1433

### Nominal heights

225, 350, 550, 700, 900

### Material

Plastic system elements made of MDPE,  
a recycled plastic

### Areas of application

- Large sealed surfaces
- Pedestrian areas
- Interim storage/rain water runoff  
buffering
- Logistics surfaces
- Port and industrial surfaces
- Airport surfaces

## Monolithic Line Drainage

### ACO Monoblock RD Drainage Channel



#### Load classes

■ D 400   ■ E 600   ■ F 900  
in accordance with DIN EN 1433

#### Nominal widths

100, 150, 200, 300

#### Material

Monolithic polymer concrete,  
natural or anthracite

#### Areas of application

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| ■ Motorways                          | ■ Truck parks                    |
| ■ Airports                           | ■ Logistics facilities and roads |
| ■ Container transshipment facilities | ■ Roadside drainage              |
| ■ Industrial surfaces                | ■ Service stations               |

### ACO Monoblock PD Drainage Channel



#### Load classes

■ A 15   ■ C 250  
■ B 125   ■ D 400  
in accordance with EN 1433

#### Nominal widths

100, 150, 200

#### Material

Monolithic polymer concrete,  
natural or anthracite

#### Areas of application

- |                    |                     |
|--------------------|---------------------|
| ■ Pedestrian areas | ■ Residential areas |
| ■ Streets          | ■ Public areas      |
| ■ Car parks        |                     |



### ACO KerbDrain Kerb Drainage Channel



#### Load classes

- A 15      ■ C 250
- B 125    ■ D 400

in accordance with DIN EN 1433

#### Structural heights

305 and 480 mm

#### Material

Monolithic polymer concrete, grey

#### Areas of application

- Bridges
- Logistics facilities and roads
- Roadside drainage

## Facade Drainage

### ACO Profiline Facade Drainage Channel



#### Height adjustable

#### Widths

100, 130, 200, 250  
variable and fixed height

#### Material

Stainless steel and galvanized steel

#### Areas of application

- Facades
- Terraces

## ACO Service

### Service offering for our Clients

Every project is different, has its own requirements and challenges. In addition to our products we also offer you our know-how and our service to co-develop bespoke solutions – from pre-planning to post project stages.

[www.aco.com](http://www.aco.com)



**train:**  
Information  
and training

**design:**  
Planning  
and optimising

**support:**  
Construction  
consultation  
and support

**care:**  
Inspection  
and maintenance



## Grating Configurator

The grating configurator aids choosing the best solution on the basis of visual criteria and different scenarios. The technical data on the selected gratings can be downloaded or saved in a project folder.

[www.draindesign.aco](http://www.draindesign.aco)

