

A decorative grid pattern of light gray lines is located in the upper right quadrant of the page. It consists of six vertical lines and six horizontal lines, creating a 5x5 grid of squares.

## *The Aesthetics of the Line*

Line Drainage – for Unique Locations

A decorative grid pattern of light gray lines is located in the lower right quadrant of the page. It consists of six vertical lines and six horizontal lines, creating a 5x5 grid of squares.





# *The Aesthetics of the Line*

Line Drainage – for Unique Locations



## *The Aesthetics of the Line*

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 Gratings*

*EYE FILMMUSEUM*  
*Amsterdam, Netherlands*

■ CAST IRON SLOTTED GRATING | Multiline







*“True art is selfish.”*

Ludwig van Beethoven



*PALEISBRUG*

*'s-Hertogenbosch, Netherlands*

■ CAST IRON SLOTTED GRATING | Special solution



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

Johann Wolfgang von Goethe



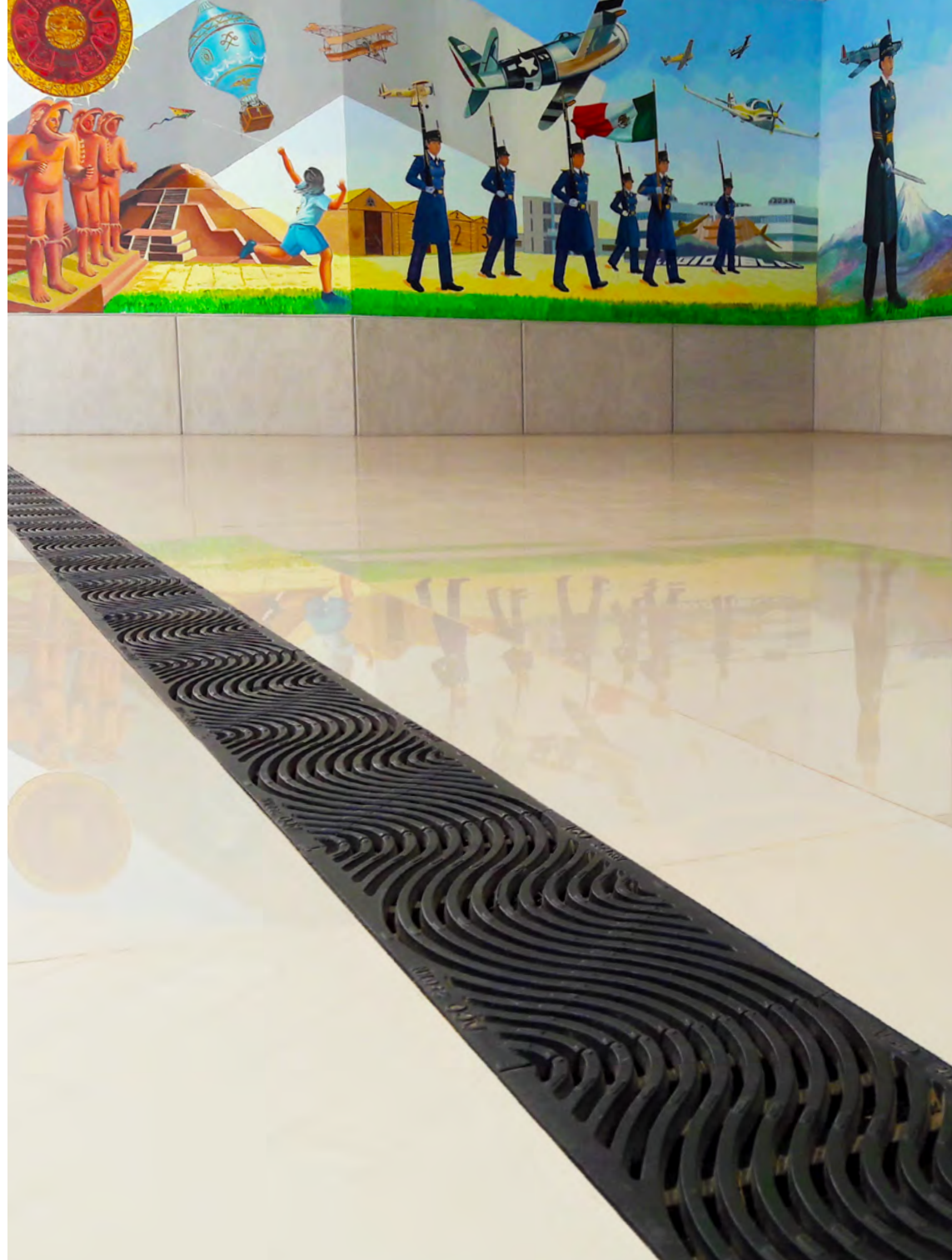
ERGO INSURANCE GROUP  
Hamburg, Germany

■ FACADE DRAINAGE | Profiline



*COLEGIO DEL AIRE*  
*Zapopan, Mexico*

■ CAST IRON GRATING FREESTYLE | Multiline





PEDESTRIAN ZONE "FELDSCHMIEDE"  
Itzehoe, Germany

■ CAST IRON GRATING FREESTYLE | Multiline



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

■ CAST IRON GRATING FREESTYLE | Multiline





*PITT STREET*  
*Sydney, Australia*

■ CAST IRON GRATING FREESTYLE | KlassikDrain



*ALLEN COUNTY WAR MEMORIAL COLISEUM*  
*Fort Wayne, Indiana, USA*

■ LONGITUDINAL DUCTILE IRON ADA GRATING | S100K



*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





*VALAMAR ISABELLA ISLAND RESORT*

*Poreč, Croatia*

■ PERFORATED GRATING | Multiline



*COLUMBIA HOTEL*  
*Wilhelmshaven, Germany*

■ **FACADE DRAINAGE** | Profiline







*GLOBETROTTER LODGE*

*Ascheffel, Germany*

■ FACADE DRAINAGE | Profiline

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

Joseph Karl Benedikt Freiherr von Eichendorff

VALAMAR ISABELLA ISLAND RESORT

*Poreč, Croatia*

■ SLOTTED GRATING | S300



*LUNA PARK*  
*Sydney, Australia*

■ LONGITUDINAL BAR GRATING | Multiline







*NATIONAL MARITIME MUSEUM*  
*London, United Kingdom*

■ SLOTTED GRATING | Multiline



*HENRY FORD MUSEUM*  
*Dearborn, Michigan, USA*

■ LONGITUDINAL IRON ADA GRATING | FG200



VALAMAR ISABELLA ISLAND RESORT  
Porč, Croatia

■ SLOTTED GRATING | S300

*HAVEN NOORDZIJDE*

*Almelo, Netherlands*

■ CAST IRON GRATING FREESTYLE | ExoDrain





*EXPERIENCE PROMENADE*  
*Laboe, Germany*

■ CAST IRON GRATING FREESTYLE | Multiline



*HARBOUR BRIDGE*  
*Sydney, Australia*

■ LONGITUDINAL PROFILE GRATING | PowerDrain S200K



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

Dschuang Dsi



*KÄTE AHLMANN HAUS  
Büdel Dorf, Germany*

■ LONGITUDINAL PROFILE GRATING | Multiline

*BETAPLEIN*  
*Leiden, Netherlands*

■ LONGITUDINAL PROFILE GRATING | Multiline



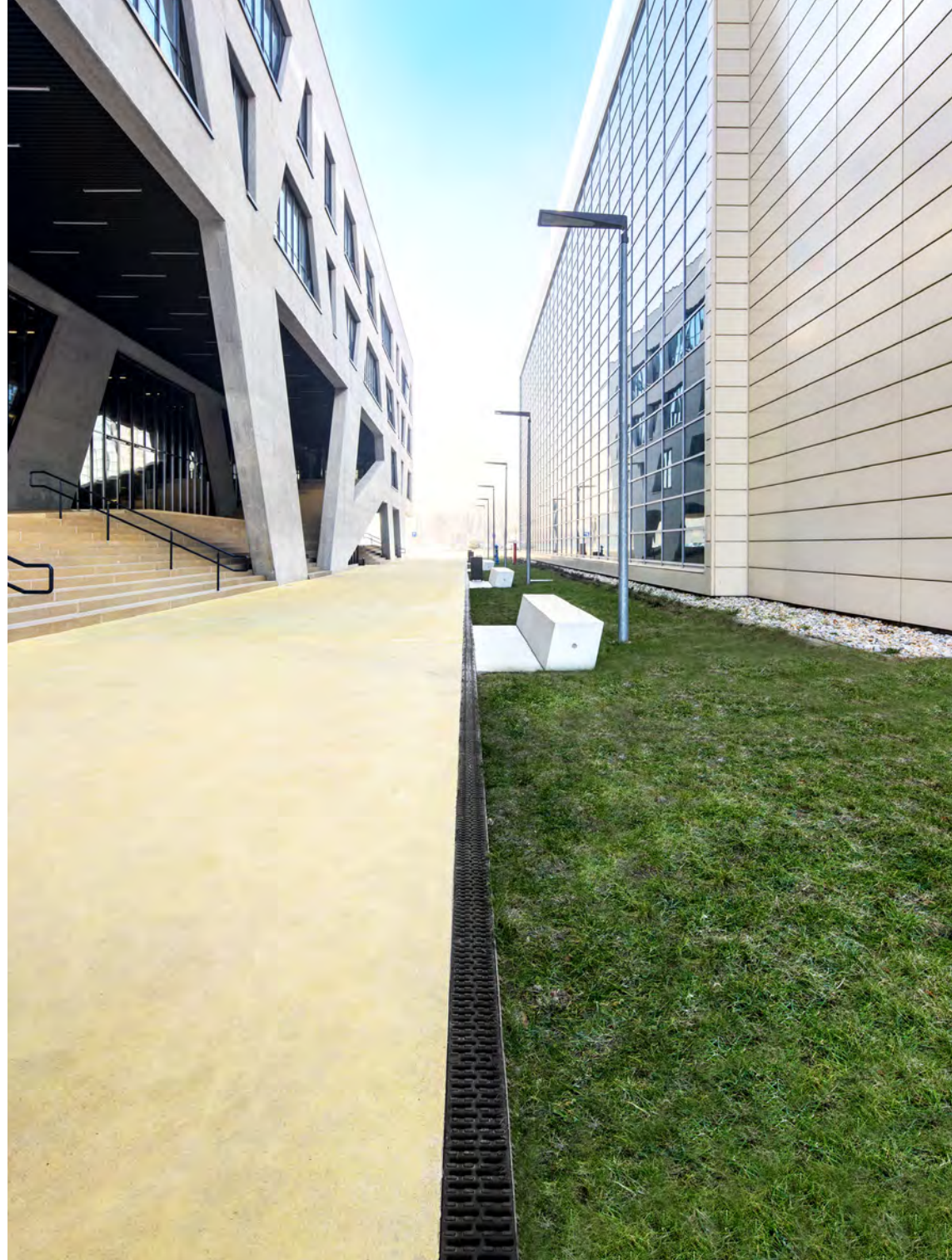


*ARMY CORPS OF ENGINEERS  
Seattle, Washington, USA*

■ LONGITUDINAL IRON ADA GRATING | S300K

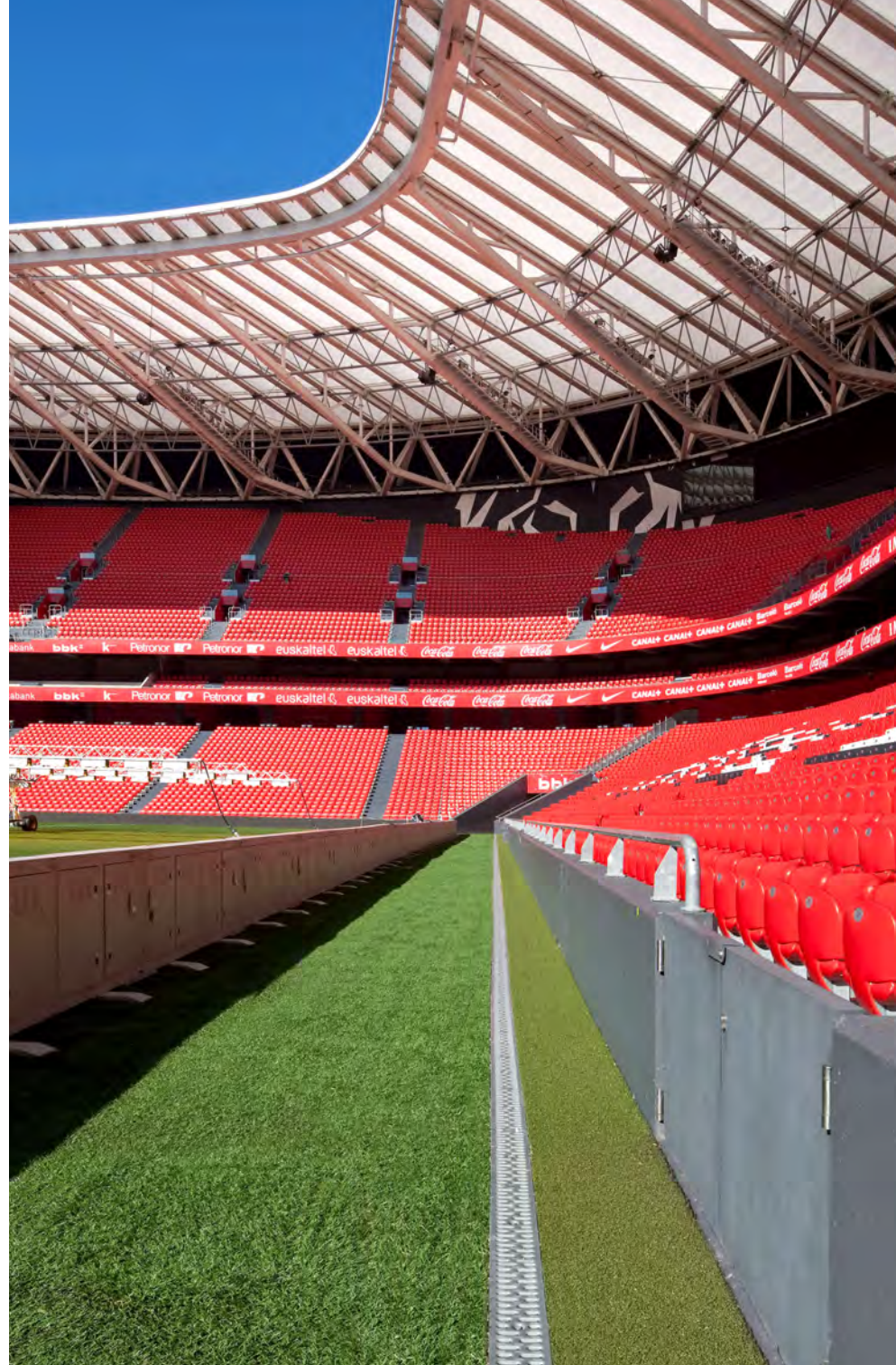
*FACULTY OF CIVIL ENGINEERING,  
UNIVERSITY OF OSIJEK  
Osijek, Croatia*

■ SLOTTED GRATING | Multiline



*SAN MAMÉS STADIUM*  
*Bilbao, Spain*

■ SLOTTED GRATING | N100 Sport





*OLD HARBOR*  
*Wismar, Germany*

■ SLOTTED GRATING | Multiline





MARINA KORNATI  
Zadar, Croatia

■ SLOTTED GRATING | Multiline

*AIRPORT FIRE SERVICE*  
*Leipzig, Germany*

■ SLOTTED GRATING | PowerDrain



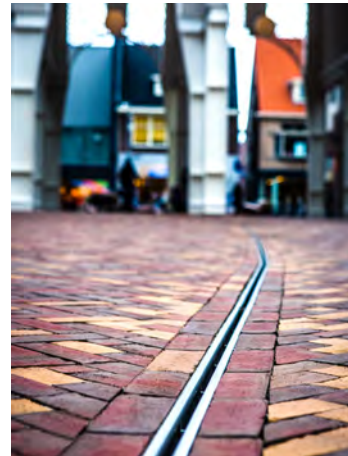
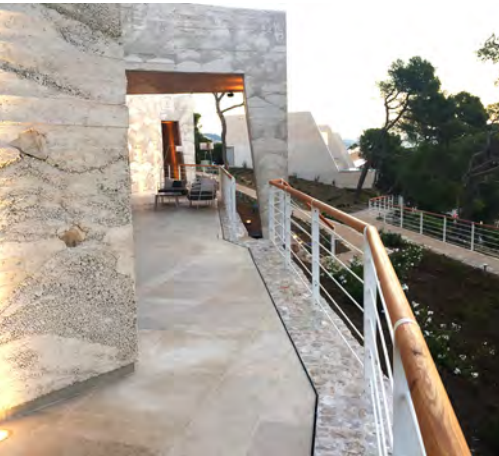


FRANJO TUĐJMAN ZAGREB AIRPORT  
Zagreb, Croatia

■ SLOTTED GRATING | Multiline

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

Albert Schweitzer





*Line Drainage with Slot Channels*



*CITY CENTRE*  
*Zandaam, Netherlands*

■ SLOT CHANNEL | Squareline





*DONKERSTEEG*

*Leiden, The Netherlands*

■ SLOT CHANNEL | Squareline





*“Even detours  
expand our horizons.”*

Ernst Ferstl

*ALMERE POORT*  
*Almere, Netherlands*

■ SLOT CHANNEL | Multiline



*GARE DES GUILLEMINS*  
*Liège, Belgium*

■ SLOT CHANNEL | Multiline



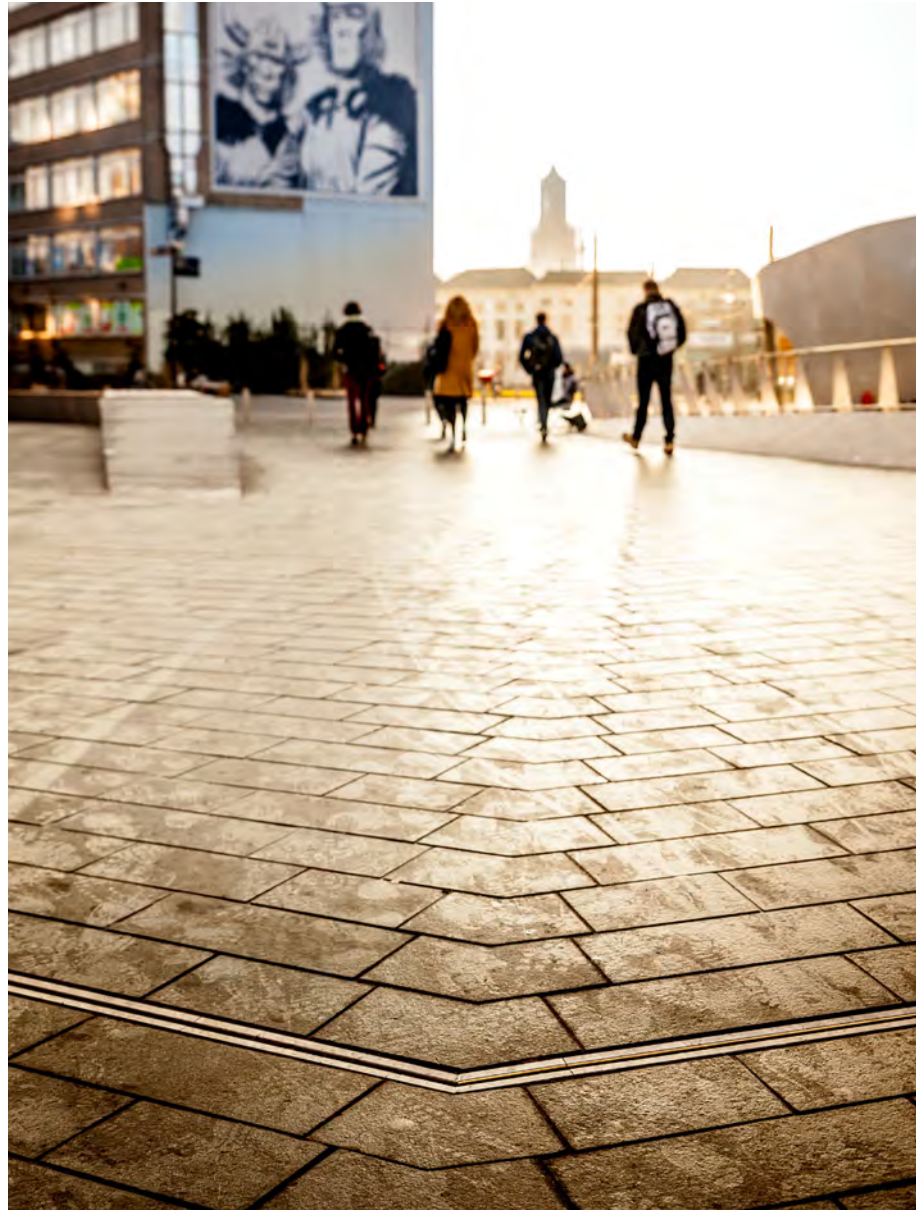


*HOTEL D-RESORT ŠIBENIK*  
*Mandalina, Croatia*

■ SLOT CHANNEL | Multiline

*STATION ARNHEM*  
*Arnhem, Netherlands*

■ SLOT CHANNEL | Squareline





*PARK WIJHEZICHT*

*Wijhe, Netherlands*

■ SIDELINE with LED Lighting | Multiline





*RIPPERDA BARRACKS*  
*Haarlem, Netherlands*

■ SLOT CHANNEL | Squareline



*RIJKOOMPJE*  
*Veenendaal, Netherlands*

■ SLOT CHANNEL | Smartline



*FRIES MUSEUM*  
*Leeuwarden, Netherlands*  
■ SLOT CHANNEL | Smartline





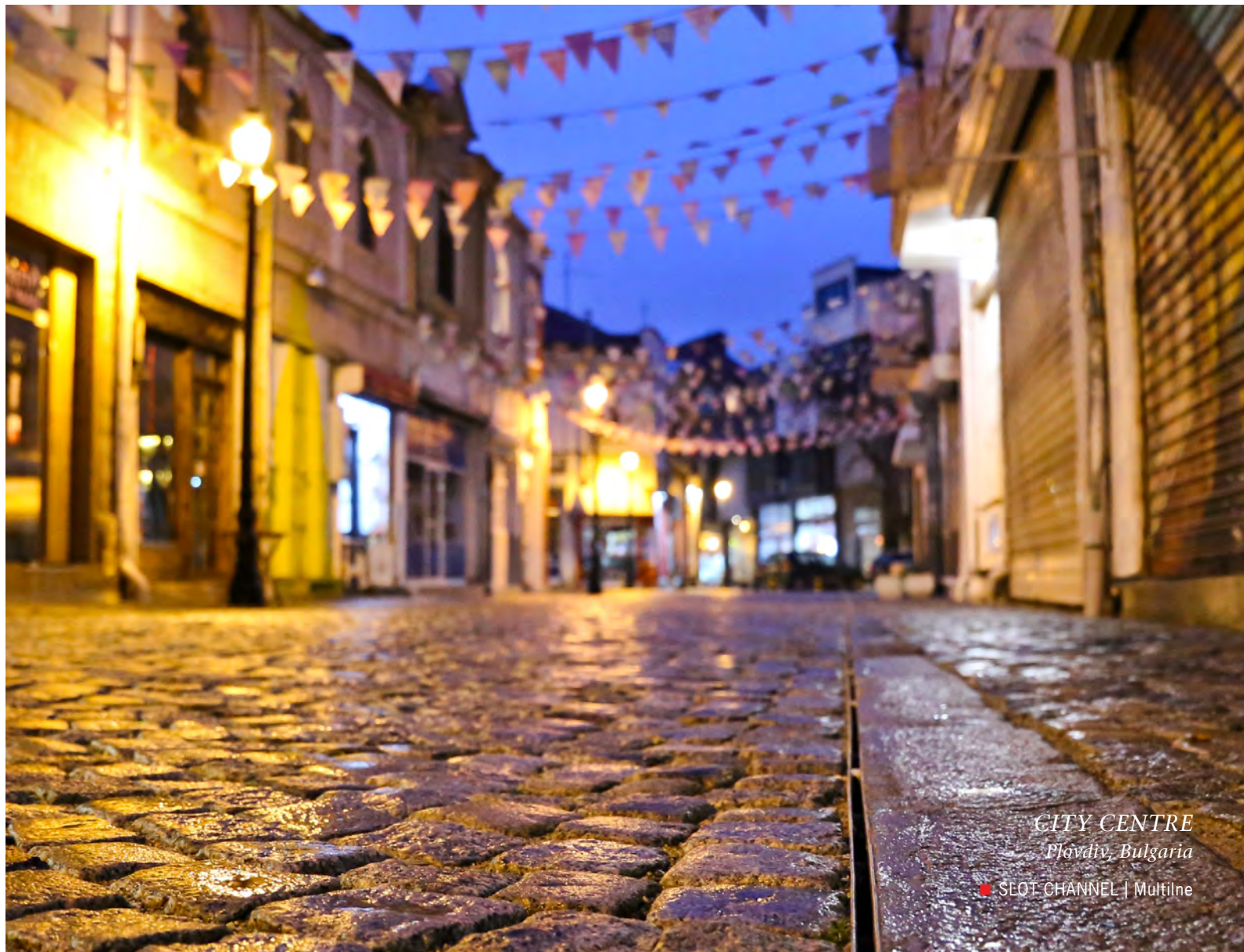
*CUTTY SARK GARDENS*  
*London, United Kingdom*

■ SLOT CHANNEL | Multiline



*SHOPPING CENTER*  
*Parndorf, Austria*

■ SLOT CHANNEL | Multiline



*CITY CENTRE*  
*Plavdiv, Bulgaria*

■ SLOT CHANNEL | Multiline



VILLE DE VILLEFRANCHE DE ROUERGUE  
Aveyron, France

■ SLOT CHANNEL | Multiline

*“History does not  
end with us.”*

Sokrates



*DUBAI OPERA*  
*The Opera District, Dubai*

■ SLOT CHANNEL | N100

*SERVISNI CENTAR*  
*Trogir, Croatia*

■ SLOT CHANNEL | Multiline





*AVIATICA*

*Prague, Czech Republic*

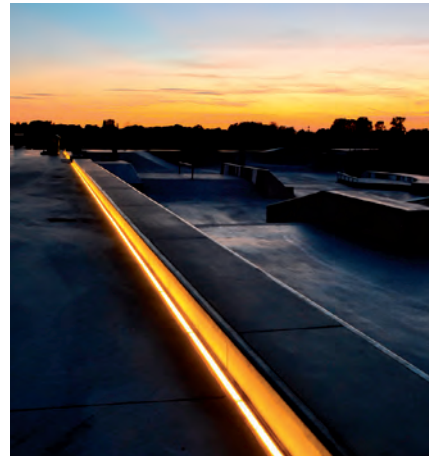
■ SLOT CHANNEL | XtraDrain





*NOGOMETNA ZVEZA SLOVENIJE*  
*Ljubljana, Slovenia*

■ 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





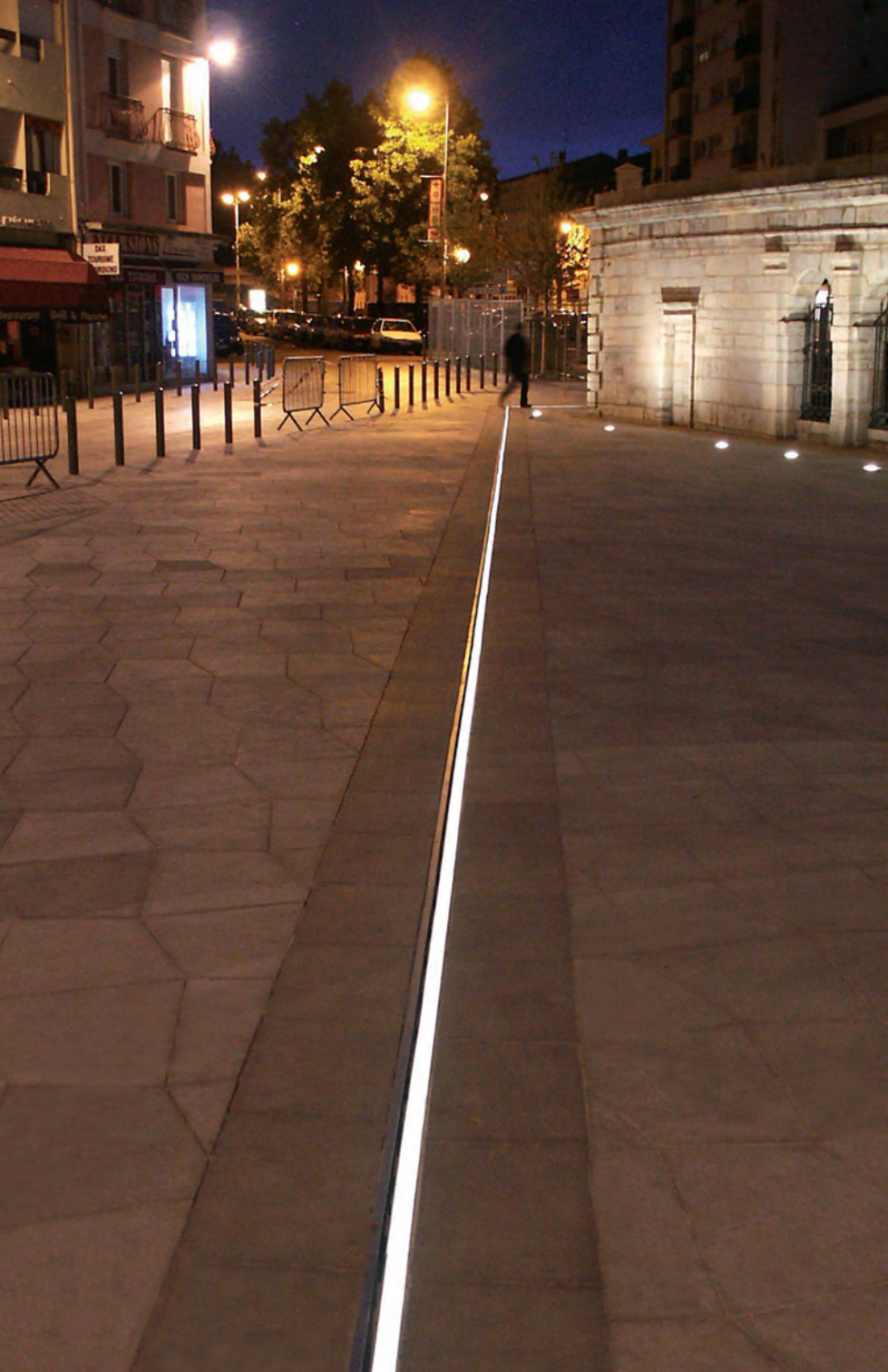
*SKATEPARK*  
*Zwevezele, Belgium*

■ 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





*ZECHE 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

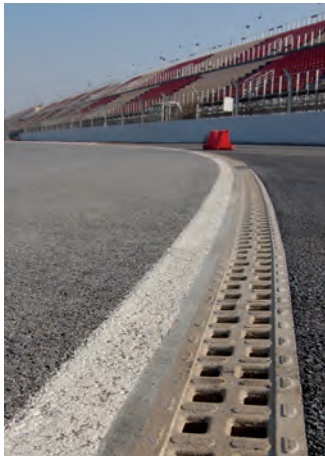




*STATE HORTICULTURAL SHOW  
Schleswig, Germany*

■ SLOTTED GRATING with Lightpoint | Multiline





*Monolithic Line Drainage*

■ KerbDrain





*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

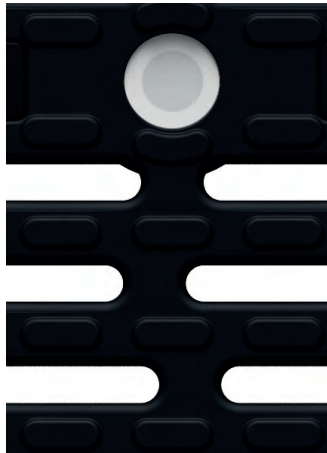
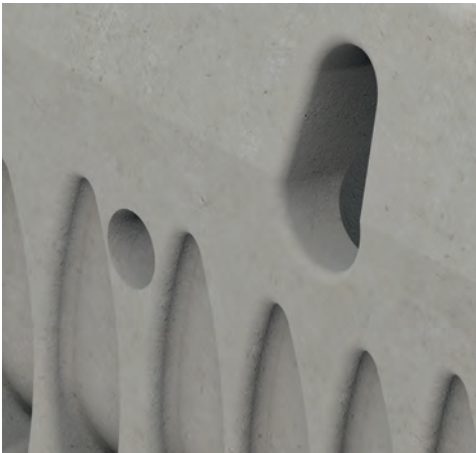




*SERVISNI CENTAR*  
*Trogir, Croatia*

■ MONOBLOCK





## *Product & Service*

- Gratings and Covers 96
- Line Drainage 100
- Service 104

## 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



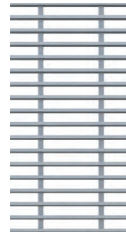
Composite grating  
silver grey  
Plastic



Composite grating  
Microgrip  
Plastic



Cross bar grating  
Stainless steel



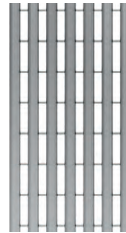
Longitudinal bar grating  
Galvanized steel  
Stainless steel



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

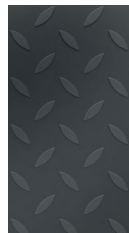
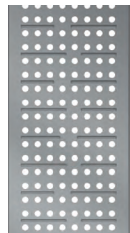
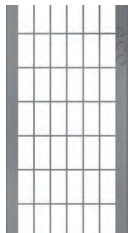
Slot channel  
Galvanized steel  
Stainless steel

LightPoint  
Ductile iron

Eyeleds  
Plastic

Sideline  
Galvanized steel

Freestyle  
Design flag  
Ductile iron



Lighting

LED lighting

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

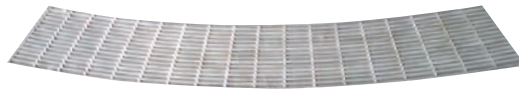


Q-Slot  
Galvanized steel



## Special Solutions

Radius channels  
Stainless steel

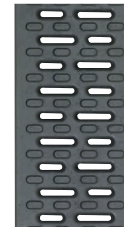


## Monolithic

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

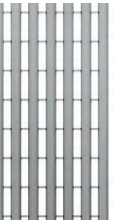
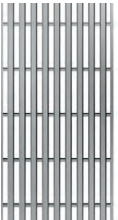
Longitudinal slot grating  
Stainless steel

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    ■ C 250    ■ E 600
  - B 125    ■ D 400
- 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
  - B 125
  - C 250
  - D 400
  - E 600
  - 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
  - B 125
  - C 250
  - D 400
  - E 600
  - 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
- Airports
- Container transshipment facilities
- Industrial surfaces
- Truck parks
- Logistics facilities and roads
- Roadside drainage
- 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
- Streets
- Car parks
- Residential areas
- Public areas

### 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

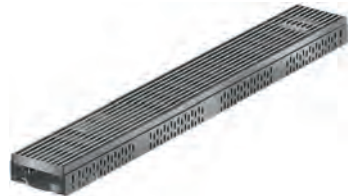
Monolithic polymer concrete, grey

#### 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

For further informations regarding other channel types please visit local webpages:  
<http://www.aco.com/english/contact/aco-world-wide.html>

## 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)

