Outdoor drainage system
OUTDOOR DRAIN CHANNELS
Due to its unique characteristics it offers maximum variability as well as good load capacity and durability.

DRAINAGE CHANNELS
It is used for surface drainage around buildings and protection against moisture and washout.

SLOTTED DRAINS
Slotted outdoor drainage is especially suitable for office and residential buildings with high demands on design.
22–23
FLOOR DRAINS
They serve for point drainage of outdoor areas and technical rooms.

OUTDOOR DRAINAGE

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LETS MAKE IT SIMPLE
We have prepared a QR code for each product for your convenience. To read the QR codes just download the application to your smart phone or tablet. Then scan the code to quickly reach the desired section of our website. Here you will find detailed descriptions and parameters of the selected product. No more trouble with searching for information. A smart way to get your information quickly and easily.

Extended warranty – applies when installed by a certified plumber
Load class
UV-resistant material
Heat-resistant material
Frost-resistant material
Modular system
The modular system allows simple modification of the drain channel from the side, front or bottom directions (Modules “I”, “L”, “T” and “X”). One of the greatest advantages is the variable waste connect-ability from the bottom and side. Connections between single drains are fastened by locks which make the installation easy for everybody. The modular system is a modern and innovative way of installation.

Warranty 6 years
Material of the drain and grid, technological procedures, periodic stress testing and quality control of production within the ISO 9001:2015 system allow to provide a six-year warranty. A list of certified plumbers for extended warranty can be found on the website www.alcaplast.cz.

Fast assembly
The bodies of the Alcaplast outdoor drain channels are made of polypropylene. Injection molding allows us to have pre-prepared connection slots on the body of the drain that can be easily hammered out to connect utilities via these slots. For a reliable connection of the outdoor drain channel to the waste pipe you can use our accessory kit (see page 27). The stability and rigidity of the drains in the subsoil can be increased by installing threaded steel rods in the prepared lower parts of the drains. Application of ALCAPLAST drains significantly reduces installation time, expertise needed and financial costs.

Innovative material
Our outdoor drain body in comparison to the polymer concrete alternative is noticeably lighter and after installation into the concrete ALCAPLAST outdoor drains are also comparatively rigid. Low weight reduces the financial costs of transport and increases its efficiency. Handling on the construction site is not physically demanding even without usage of mechanization. The material used is reinforced by adding talc – for it’s hardness but not fragility, this allows for drilling into the body without damaging the whole drain.

Drain box function:
- it provides access to the outdoor drainage system for maintenance and cleaning (to ensure sufficient flow)
- helps capture dirt and sand
- it allows connection to waste pipes DN110, DN160 and DN200

For each type of outdoor drainage channel we offer an adequate drain box, which is fully compatible with the relevant shape of the drainage body. The drain box is simply connected during installation to the drain with the help of the snap mechanism without using any tools. Thorough service is essential for maintaining long-term outdoor high flow rates for our outdoor drainage system.


**TECHNICAL SOLUTION OF ALCAPLAST**

**OUTDOOR DRAIN CHANNELS AND DRAIN BOXES**

**Definition of specified load classes according to EN 1433**

- **Class A15**
  - (15 kN specified load)
  - Transportation areas used by pedestrians and cyclists. Further areas of similar types, e.g. parks.

- **Class B125**
  - (125 kN specified load)
  - Sidewalks, pedestrian zones and similar areas. Parking exclusively for passenger cars and car parks.

- **Class C250**
  - (250 kN specified load)
  - Sides of the road and adjacent sidewalks. Pedestrian zone, professional car parks for passenger cars.

- **Class D400**
  - (400 kN specified load)
  - Roads and highways. Parking and similarly used areas.

**ALCAPLAST load categories**

- **HOME, HOME+**
- **STANDARD**
- **PROFI**
- **TOP**
HOME
Basic load class 1,500 kg suitable for drainage of private lands, areas for pedestrians and cyclists, sports fields, lawns and other green spaces.

OUTDOOR DRAINS AND DRAIN BOXES HOME

AVZ101-R101
Outdoor drain channel 100 mm without frame with galvanized "T" profile grid A15

AVZ101R-R101S
Outdoor drain box for AVZ101 without frame with galvanized "T" profile grid A15

Installation manual for outdoor drain channels ALCAPLAST

Installation instructions can be found here
Enter in your web browser address https://www.alcaplast.com/en/podpora-a-servis/video or scan the QR code using a smartphone.
OUTDOOR DRAINS AND DRAIN BOXES HOME+

**AVZ102-R102**
Outdoor drain channel 100 mm with integrated plastic frame and galvanized “C” profile grid A15

**AVZ102R-R102S**
Outdoor drain box for AVZ102 with plastic frame and galvanized “C” profile grid A15

**AVZ104-R401**
Outdoor drain channel 100 mm with plastic frame and plastic grid A15

**AVZ104R-R401**
Outdoor drain box for AVZ104 with plastic frame and plastic grid A15

HOME+
Basic load class 1,500 kg amended by an innovative locking system SAFE, suitable for drainage of office buildings, pavements, pedestrian zones, squares, sport fields, terraces and gardens.
OUTDOOR DRAIN CHANNELS AND DRAIN BOXES STANDARD

**STANDARD**
Upper load class 12,500 kg for drainage of areas with occasional trolley cars, pavements, pedestrian zones and similar areas for cars.

**AVZ102-R103**
Outdoor drain channel 100 mm with plastic frame and galvanized grid B125

**AVZ102R-R103S**
Outdoor drain box for AVZ102 with plastic frame and galvanized grid B125

**AVZ104-R402**
Outdoor drain channel 100 mm with plastic frame and composite grid B125

**AVZ104R-R402**
Outdoor drain box for AVZ104 with plastic frame and composite grid B125

6 YEAR GUARANTEE
OUTDOOR DRAIN CHANNELS AND DRAIN BOXES PROFI

AVZ103-R104 Outdoor drain channel 100 mm with metal frame and galvanized grid C250

AVZ103-R104S Outdoor drain box for AVZ103 with metal frame and galvanized grid C250

AVZ103-R202 Outdoor drain channel 100 mm with metal frame and cast iron grid C250

AVZ103R-R202 Outdoor drain box for AVZ103 with metal frame and cast iron grid C250

PROFI
For drainage of professional parking areas for passenger cars, pedestrian zones, pavements and adjacent pavements.

YEAR GUARANTEE 6
PROFI
For drainage of professional parking areas for passenger cars, pedestrian zones, side bands on roads and adjacent sidewalks.

OUTDOOR DRAIN CHANNELS AND DRAIN BOXES PROFI

AVZ103-R403
Outdoor drain 100 mm with metal frame and composite grid C250

AVZ103R-R403
Outdoor drain box for AVZ103 with metal frame and composite grid C250

Tailor-made solution available

According to customer requirements, we are able to design and produce tailor-made drainage. More on the website www.alcaplast.cz.

Reference installation: Václav Havel Airport, Prague
Load class 40,000 kg for drainage of parking lots and often used spaces, logistics centers, road lanes and other similar transportation areas.

**OUTDOOR DRAIN CHANNELS AND DRAIN BOXES TOP**

**AVZ103-R201**
Outdoor drain channel 100 mm with metal frame and a cast iron grid D400

**AVZ103R-R201**
Outdoor drain box for AVZ103 with metal frame and cast iron grid D400

**YEAR GUARANTEE**
6

**BIM objects**

**BIM objects can be found here**
Visit your web browser address [https://www.alcaplast.com/en/bim](https://www.alcaplast.com/en/bim) or scan the QR code using a smartphone.
Blends perfectly with its surroundings

Outdoor drains with slotted extensions are intended mainly for architects working on projects that stress the visual side in addition to a high quality drainage system. It is ideal for pedestrian zones, squares, sports fields, gardens, residential buildings and courtyards. Meets the load requirement for C250.

Two variants

We offer symmetrical or asymmetrical slot extension (suitable for use around building walls or curbs). According to the construction height of the selected type of surface of the outdoor area we have the choice of two height variants 100 mm or 160 mm. All grids are custom made of galvanized steel or stainless steel. The offer also includes a half meter access cover that can be easily removed in order to perform routine maintenance of the outdoor drain.

Modular system

The modular system allows simple modification of the drain channel from the side, front or bottom directions (Modules “I”, “L”, “T” and “X”). One of the greatest advantages is the variable waste connect-ability from the bottom and side. Connections between single drains are fastened by locks which make the installation easy for everybody. The modular system is a modern and innovative way of installation.

Fast assembly

The bodies of the Alcaplast outdoor drain channels are made of polypropylene. Injection molding allows us to have pre-prepared connection slots on the body of the drain that can be easily hammered out to connect utilities via these slots. For a reliable connection of the outdoor drain channel to the waste pipe you can use our accessory kit (see page 27). The stability and rigidity of the drains in the subsoil can be increased by installing threaded steel rods in the prepared lower parts of the drains. Application of Alcaplast drains significantly reduces installation time, expertise needed and financial costs.

Access cover

Outdoor slotted drainage system forms a closed unit, for cleaning it is necessary to use so-called access covers. They allow the removal of the grid to clean the lower part of the system.

Odour trap

In the case of a direct connection to the waste system, it is possible to use a wet odour trap to prevent the spread of unpleasant odours and corrosive gases from the system.
TECHNICAL SPECIFICATION OF SLOTTED CHANNELS AND DRAIN BOXES

**HEIGHT VARIANTS**

<table>
<thead>
<tr>
<th>ASYMMETRICAL EXTENTION</th>
<th>SYMMETRICAL EXTENTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 mm</td>
<td>160 mm</td>
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<tr>
<td>160 mm</td>
<td>160 mm</td>
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</tbody>
</table>

1. Outdoor slotted channel with extension
2. Drain channel body
3. Drain box
4. Fixing the grid
5. Locking mechanism
6. Socket for connection to waste pipe
7. Odour trap
8. Adapter for connecting side inlet DN50
9. End cap to cover the inlet
10. Holes for inserting the locking rods
11. Access cover
OUTDOOR SLOTTED CHANNELS

They are ideal for pedestrian zones, squares, sports fields, gardens, residential buildings and courtyards. Meet the load requirement for C250.

OUTDOOR SLOTTED CHANNELS AND DRAIN BOXES

AVZ101-R121
Outdoor slotted channel with asymmetrical extension 100 mm, galvanized steel

AVZ101-R122
Outdoor slotted channel with asymmetrical extension 160 mm, galvanized steel

AVZ101-R123
Outdoor slotted channel with symmetrical extension 100 mm, galvanized steel

AVZ101-R124
Outdoor slotted channel with symmetrical extension 160 mm, galvanized steel

AVZ101-R321
stainless steel

AVZ101-R322
stainless steel

AVZ101-R323
stainless steel

AVZ101-R324
stainless steel
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVZ101S-R121R</td>
<td>Outdoor slotted channel with asymmetrical access cover 100 mm, galvanized steel</td>
<td>AVZ101S-R321R stainless steel</td>
</tr>
<tr>
<td>AVZ101S-R122R</td>
<td>Outdoor slotted channel with asymmetrical access cover 160 mm, galvanized steel</td>
<td>AVZ101S-R322R stainless steel</td>
</tr>
<tr>
<td>AVZ101S-R123R</td>
<td>Outdoor slotted channel with symmetrical access cover 100 mm, galvanized steel</td>
<td>AVZ101S-R323R stainless steel</td>
</tr>
<tr>
<td>AVZ101S-R124R</td>
<td>Outdoor slotted channel with symmetrical access cover 160 mm, galvanized steel</td>
<td>AVZ101S-R324R stainless steel</td>
</tr>
<tr>
<td>AVZ101R-R121R</td>
<td>Outdoor slotted drain box with asymmetrical access cover 100 mm, galvanized steel</td>
<td>AVZ101R-R321R stainless steel</td>
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<tr>
<td>AVZ101R-R122R</td>
<td>Outdoor slotted drain box with asymmetrical access cover 160 mm, galvanized steel</td>
<td>AVZ101R-R322R stainless steel</td>
</tr>
<tr>
<td>AVZ101R-R123R</td>
<td>Outdoor slotted drain box with symmetrical access cover 100 mm, galvanized steel</td>
<td>AVZ101R-R323R stainless steel</td>
</tr>
<tr>
<td>AVZ101R-R124R</td>
<td>Outdoor slotted drain box with symmetrical access cover 160 mm, galvanized steel</td>
<td>AVZ101R-R324R stainless steel</td>
</tr>
</tbody>
</table>
Functionality of the drain
Facade drainage channels ensure drainage of water around buildings to prevent rising damp or potential interior flooding. The drain is perforated to be able to absorb water from the surrounding ground layers and divert it into the waste system.

25 years warranty
Material of the drain and grid, technological procedures, periodic stress testing and quality control of production within the ISO 9001:2015 system allow to provide a six-year warranty. A list of certified plumbers for extended warranty can be found on the website www.alcaplast.com.

Two designs
There is a choice of two materials – galvanized steel and stainless steel. All models are adjustable in height, so that their installation is as simple as possible. They meet load class of K3 and there is a choice of four designs grids.

Advantages:
- easy installation
- simple cleaning
- high quality product
- possibility of height adjustment of the drainage channel
- possibility of tailor-made production
- fixing bolts – ensure perfect attachment of the grid in the channel and eliminate the sound effect during the use of the channel

Application:
- balconies and terraces
- permeable areas in the garden
- drainage along building facades
- protection of buildings against the ingress of water, or even against the water sprayed on the facade when it rains.

Features:
- 2 types of material (galvanized steel/stainless steel)
- grid width: 75 and 100 mm
- standard length of drainage channels is 1 m
- height adjustable drainage channel body 60–80 mm
- load class: K3 = 300 kg
- accessories: coupler, end cap (galvanized/stainless steel)
- 4 grid designs (galvanized steel/stainless steel)
ADJUSTABLE HEIGHT OF THE CHANNEL BODY IN THE RANGE OF 60–80 MM

POLISHED STAINLESS STEEL GRIDS

25 YEARS WARRANTY ON STAINLESS STEEL

ADJUSTABLE DRAIN HEIGHT 60–80 MM

FIXING BOLTS
DRAINAGE CHANNELS
Drainage channels are suitable for drainage of balconies, terraces or any permeable area in the garden. They meet the load requirement for $K = 300$ kg.

FACADE AND TERRACE DRAINAGE CHANNELS 75 MM

**ADZ101V**
Drainage channel 75 mm adjustable, galvanized steel

**ADZ301V**
Drainage channel 75 mm adjustable, stainless steel

**ADZ-P003**
End cap for drainage channel 75 mm, galvanized steel

**ADZ-P007**
Coupler for drainage channel 75 mm, galvanized steel

**ADZ-P001**
End cap for drainage channel 75 mm, stainless steel

**ADZ-R101**
Grid for drainage channel 75 mm, galvanized steel

**ADZ-R301**
Grid for drainage channel 75 mm, stainless steel

**ADZ-R103**
Grid for drainage channel 75 mm, galvanized steel

**ADZ-R303**
Grid for drainage channel 75 mm, stainless steel

**ADZ-R102**
Grid for drainage channel 75 mm, galvanized steel

**ADZ-R302**
Grid for drainage channel 75 mm, stainless steel

**ADZ-R104**
Grid for drainage channel 75 mm, galvanized steel

**ADZ-R304**
Grid for drainage channel 75 mm, stainless steel

**ADZ-R105**
Grid for drainage channel 75 mm, galvanized steel

**ADZ-R305**
Grid for drainage channel 75 mm, stainless steel
DRAINAGE CORNER CHANNELS 75 AND 100 MM

ADZ101VR Drainage corner channel 75 mm adjustable, galvanized steel
ADZ301VR Drainage corner channel 75 mm adjustable, stainless steel
ADZ102VR Drainage corner channel 100 mm adjustable, galvanized steel
ADZ302VR Drainage corner channel 100 mm adjustable, stainless steel

FACADE AND TERRACE DRAINAGE CHANNELS 100 MM

ADZ102V Drainage channel 100 mm adjustable, galvanized steel
ADZ302V Drainage channel 100 mm adjustable, stainless steel
Drain body with high flow rate
The rain drum body is made of polypropylene enriched with fiberglass. This makes it enormously resistant to chemical, mechanical and thermal damage. Deeper and steeper gradient of the rain drum body enables faster and bigger water flow towards the sewer. The water flow can be up to 486 l/min. Ribbing provides strength and stability on the spot. Straight or side outlet connection. Direct connection has a diameter of DN110, DN125 or universal DN125/110. Diameter of DN110 is suitable for a roof drainage with surface area up to 116 m², diameter DN125 is suitable for roof drainage with surface area up to 190 m². The rain drums are produced in black or grey colours.

Secured flap
The flap forms a dry siphon – limits the transmission of gas from the sewer, prevents the passage of rodents from the waste, closes under its own weight and is secured against flooding.

Basket for catching dirt and leaves
Captures coarse material (mainly leaves) and prevents clogging of sewer pipes. The narrow bottom with ribs allows a gradual fall through of rotting leaves into sewerage. The basket can be easily removed for cleaning.

Stainless steel basket for catching dirt and leaves
As an accessory you can purchase a stainless steel basket for catching dirt and leaves, which is also resistant to damage from rodents thus preventing them from accessing from the roof downpipes. This basket is compatible with most rain drums in the market.

Inlet rings
Each pack includes a set of eccentric spacer rings, which facilitate the connection of roof downspouts with diameters of 80, 90, 100, 110 and 125 mm. The rings material contains UV stabilizers against aging, fading and degradation of plastics.

Frame and spacer rings are manufactured in black, grey or brick-red colours. This makes it possible to combine the visual part of the rain drum with the colour of selected tiles.

Cover lock
Using the cover lock during heavy rain prevents the cover from opening and flooding the area around it. The locked lid prevents access of children to the drum while playing. The lid and the lock are manufactured in black, grey or brick-red colour.
UNIVERSAL RAIN DRUMS

**AGV1/AGV1S**
Universal rain drum 300x155/110 mm straight outlet, black/grey

**AGV2/AGV2S**
Universal rain drum 300x155/125 mm straight outlet, black/grey

**AGV3/AGV3S**
Universal rain drum 300x155/110 mm side outlet, black/grey

**AGV4/AGV4S**
Universal rain drum 300x155/125/110 mm straight outlet, black/grey

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**Lock**
- The lock prevents unintentional opening of the lid and overflow of water during heavy rain
- Prevents the access of children at play
- If necessary, it is possible to remove the lock from the rain drum

**Basket for leaves and dirt**
- Captures coarse material (mainly leaves) and prevents clogging of waste pipes
- The narrow bottom with ribs allows a gradual fall through of rotting leaves into sewerage
- Basket can be easily removed for cleaning

**Inlet rings**
- They are part of each package
- Diameters 80, 90, 100, 110, 125 mm
- They allow the connection of all types of roof gutters and downspouts

**Flap**
- Frost-free odour trap – limits the transmission of gas from canalization
- Prevents the passage of rodents from the waste
- Closes under its own weight and is secured against flooding
- Restricts splashing water from the rain drum when removing the lock case

**Construction**
- Resistant to deformation during assembly and to the load (class K3 – load capacity 300 kg)
- Ribbing ensures stability on the spot
- Deeper and steeper gradient of the rain drum body enables a faster and bigger water flow towards the sewer
- Flow rate 390 l/min
- Diameter 110, 125 mm or 125/110 mm

**Material**
- Polypropylene enriched with glass fiber
- Resistant to mechanical and thermal damage
- UV stable – resistant to plastic degradation and fading
- Black or grey
FLOOR DRAINS

They represent the ideal solution for point drainage areas such as bathrooms, terraces, balconies, basements, boiler rooms, swimming pools, horizontal roofs and other places without traffic.

1. **Grid**
   You can choose from a variety of sizes, materials and grid designs. Guaranteed maximum load capacity is 300 kg.

2. **Floor drain throat**
   The floor drain throat has a sufficient construction height of up to 95 mm.

3. **Collar - 2nd level insulation**
   2nd level insulation collar allows connection of an insulating layer deposited directly beneath the pavement at the throat inlet.

4. **Stainless steel flange**
   Stainless steel flange insures the connection of the drain to the buildings waterproofing made with a waterproof membrane.

5. **Wide floor drain collar**
   Floor drain collar is designed to ensure a quality connection to the construction site’s waterproofing system.

6. **Floor drain body**
   Floor drain bodies are made of polypropylene, which is resistant to mechanical, chemical and thermal damage up to 95 °C.

7. **Odour trap**
   You can choose from three basic types of odour traps: wet, combined and dry.

   - **Wet odour trap**
   - **Combined odour trap**
   - **Dry odour trap**

   Load class K3 = 300 kg
**FLOOR DRAINS**

**APV3444**
Floor drain 105×105/50/75 mm side outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, wet and dry odour trap

**APV4344**
Floor drain 105×105/50/75 mm straight outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, wet and dry odour trap

**APV3444**
Floor drain 150×150/50/75 mm side outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, wet and dry odour trap

**APV4444**
Floor drain 150×150/50/75 mm straight outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, wet and dry odour trap

**APV26C**
Floor drain 105×105/50 mm side outlet, stainless steel grid, collar-2nd level insulation, dry odour trap

**APV26**
Floor drain 105×105/50 mm side outlet, stainless steel grid, wet odour trap

**APV26C**
Floor drain 105×105/50 mm side outlet, stainless steel grid, wet odour trap

**APV26**
Floor drain 105×105/50 mm side outlet, stainless steel grid, wet odour trap

**APV1324**
Floor drain 105×105/50 mm side outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, combined odour trap SMART

**APV324**
Floor drain 105×105/50/75 mm straight outlet, stainless steel grid, stainless steel flange and collar-2nd level insulation, combined odour trap SMART

**APV1**
Floor drain 105×105/50 mm side outlet, stainless steel grid, combined odour trap SMART

**APV2**
Floor drain 105×105/50 mm straight outlet, stainless steel grid, combined odour trap SMART

**APV31**
Floor drain 105×105/50 mm side outlet, stainless steel grid, combined odour trap SMART

**APV32**
Floor drain 105×105/50 mm straight outlet, stainless steel grid, combined odour trap SMART

**APV1**
Floor drain 105×105/50 mm side outlet, stainless steel grid, combined odour trap SMART

**APV2**
Floor drain 105×105/50 mm straight outlet, stainless steel grid, wet odour trap

**APV1**
Floor drain 105×105/50 mm side outlet, stainless steel grid, combined odour trap SMART

**APV2**
Floor drain 105×105/50 mm straight outlet, stainless steel grid, wet odour trap
Construction of the drain is sturdy and is made of polypropylene, which is resistant to mechanical, chemical and thermal damage. In case of full pouring of concrete the stiffness is comparable to that of polymer concrete drains. Drain length is 1,000 mm, inner dimension 100x100 mm.

The drain can be divided in half and easily connected to the other pieces by using the available locking mechanism. No waste. By simply cutting the drain in half you can achieve the desired length and shape. The cut piece can also be connected.

The HOME+ variant is based on a safety system using our innovative plastic lock “SAFE”. Grids class STANDARD, PROFI and TOP are fixed with screws.

Each part of the drain has at one end a male connection and a female on the other (same principal as an electrical plug). By inserting the male part into the female part you achieve a solid connection. Connected drain channels hold a straight line.

Lock system allows easy connecting without additional elements! That brings not only easy installation, but also cost savings. All available shapes of coupling “I”, “L”, “T” and “X” can be achieved without additional accessories.

If you use the bottom outlet to connect directly to the waste then you can use a wet odour trap with it.
The outdoor drain channel has four prepared side openings which can be easily hammered and connected to a pipe DN50. It could be used for additional connection to the floor drain or rain drum. Frontal connection for DN75.

For an easy connection to the waste it is possible to use a vertical outlet. The drain can be easily connected to a sewer pipe of DN110 after hammering and opening the prepared hole.

By inserting the locking rods into the prepared holes in the bottom edge of the drain body, you achieve higher stability and capacity of the drainage structure. By concreting the locking rods we also prevent possible theft.

The outdoor slotted drainage system forms a closed unit, for cleaning it is necessary to use so-called access covers. They allow the removal of one extension segment so that you can easily clean the bottom part of the system.

Alcaplast’s outdoor drainage system offers many grid options. You can choose not only from different load categories, but also from many designs, including slot. It is worth mentioning except for standard metal grids as well as their plastic equivalents. They are available not only in load class A15 = 1.5 tons, but also in the category C250, which corresponds to 25 tons. They represent a adequate alternative to replace the heavy cast iron grates.
Outdoor drain channels and drain boxes

AVZ101-R101
AVZ102-R102
AVZ104-R401
AVZ102-R103
AVZ104-R402

AVZ101R-R101S
AVZ102R-R102S
AVZ104R-R401S
AVZ102R-R103S
AVZ104R-R402S

Outdoor slotted channels and drain boxes

AVZ101-R121
AVZ101-R122
AVZ101-R123
AVZ101-R124

AVZ101S-R121R
AVZ101S-R122R
AVZ101S-R123R
AVZ101S-R124R

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The ALCAPLAST team of specialists is always on hand to help with design, installation and quote project prices.

Czech product ISO 9001:2015

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Changes in dimensions and designs reserved.

EN 55014-1, EN 55014-2, EN 61000-6, EN 61000-4
NV 616/2006 Sb. Coll. as amended
2011/95/EC including amendments

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