

ANRIN SPORT Construction Elements

Drainage and edging of sport facilities



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for permanent and temporary cabling of sport facilities



ANRIN - The drainage system

At our central production and logistics location in the North Rhine-Westphalian city of Anröchte, we have been developing and producing innovative drainage channels made of resin concrete and cover gratings for all physical and visual demands of modern channel drainage since 1972.

Thanks to our especially efficient distribution, we are able to supply any construction site in Germany in less than 48 hours as well as many other countries within just a few days. Always new, creative and patented channel and grating systems give our demanding construction managers, architects, tradesmen and specialist dealers the safe and secure feeling that they have made the right choice for the long term.

Millions of installed metres of channel and certification according to DIN EN ISO 9001 serve as assurance of the high quality of our owner-operated family company. We place a special emphasis on technical and application-based consultation, with the goal of continuously finding the best solution for your individual construction project. Put our expertise to the test and contact us.



ANRIN SPORT Construction elements made of resin concrete

ANRIN resin concrete – the material comprised of naturally occurring mineral quartzes and resin is distinguished by its structural and environmental benefits.

In comparison with conventional, cement-bound materials, resin concrete allows for unit weights which are much easier to handle. By processing the material on the construction site, time and money are saved.

The high quality of the individual components as well as the closed material matrix make the ANRIN resin concrete

impermeable to liquid and highly resistant to corrosion as well as a number of substances.

As a result, drainage areas can be designed which purposefully drain off surface water and the ground water can be reliably protected against environmental pollution.

Advantages/technical features of resin concrete

| | |
|-------------------------------------|--|
| Dimensional accuracy: | Due to the short hardening time of resin concrete, the shrinkage is approx. 0.1 %. |
| Temperature resistance: | The heat deformation resistance of up to 150 °C is always guaranteed, particularly for asphaltting. Regardless of this, the installation instructions must be observed in regard to the foundation dimensioning. |
| Heat expansion: | The heat expansion coefficient for resin concrete is $a = 10 \text{ to } 12 \times 10^{-5} \text{ l/k}$ in the order of magnitude of concrete. Therefore, expansion joints must be provided in the channel string depending like with concrete elements, depending on the quantity and size. |
| Dimensional stability: | The dimensional stability during the construction phase is guaranteed with observance of the installation instructions (foundation, installed spacers and cover). |
| Toxicological innocuousness: | Due to its material matrix in the hardened state, the material concrete resin is classified as toxicologically innocuous. After the end of the intended duration of use, the products can be recycled as construction rubble. |

- 1 Tray channel sport field Wadersloh
- 2 Synthetic turf drainage – sport field, Hahnstrasse (FFM)
- 3 Track drainage with NW 125 slotted channels – sport field, Langenselbold
- 4 Sand collecting channel – sport field, Langenselbold
- 5 Clamp rail – sport field, Heidelberg
- 6 Tray channel in combination with slotted channel



Innovations

For over 40 years ANRIN has innovatively, competently and successfully dedicated itself to drainage technology for sport field construction.

Pioneering systems like the screwless artificial turf clamping were introduced and improved by ANRIN. Drainage of arenas, delimiting of tracks and edging of shot enclosures and jump pits complete the ANRIN SPORT product range.

Numerous national and international sporting facilities are already equipped with ANRIN SPORT construction elements and communicate the experience that designers, dealers and contractors can build on.

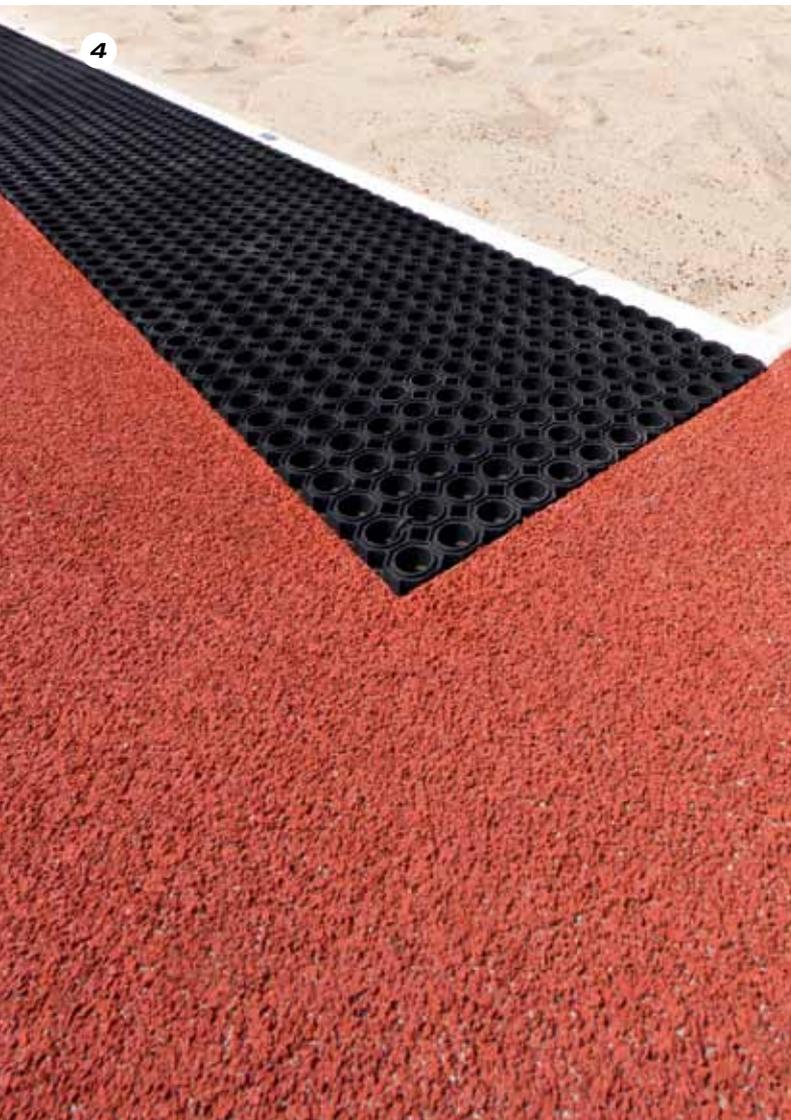
Proof of conformity

All ANRIN SPORT construction elements comply with the requirements of the IAAF, International Association of Athletics Federations, for the construction of tracks and playing fields.

The requirements according to the IAAF Manual, chapter 3, Construction of the Track and Playing Field Section 3.5.3 Surface Drainage Requirements and Construction are adhered to by the products manufactured by ANRIN.

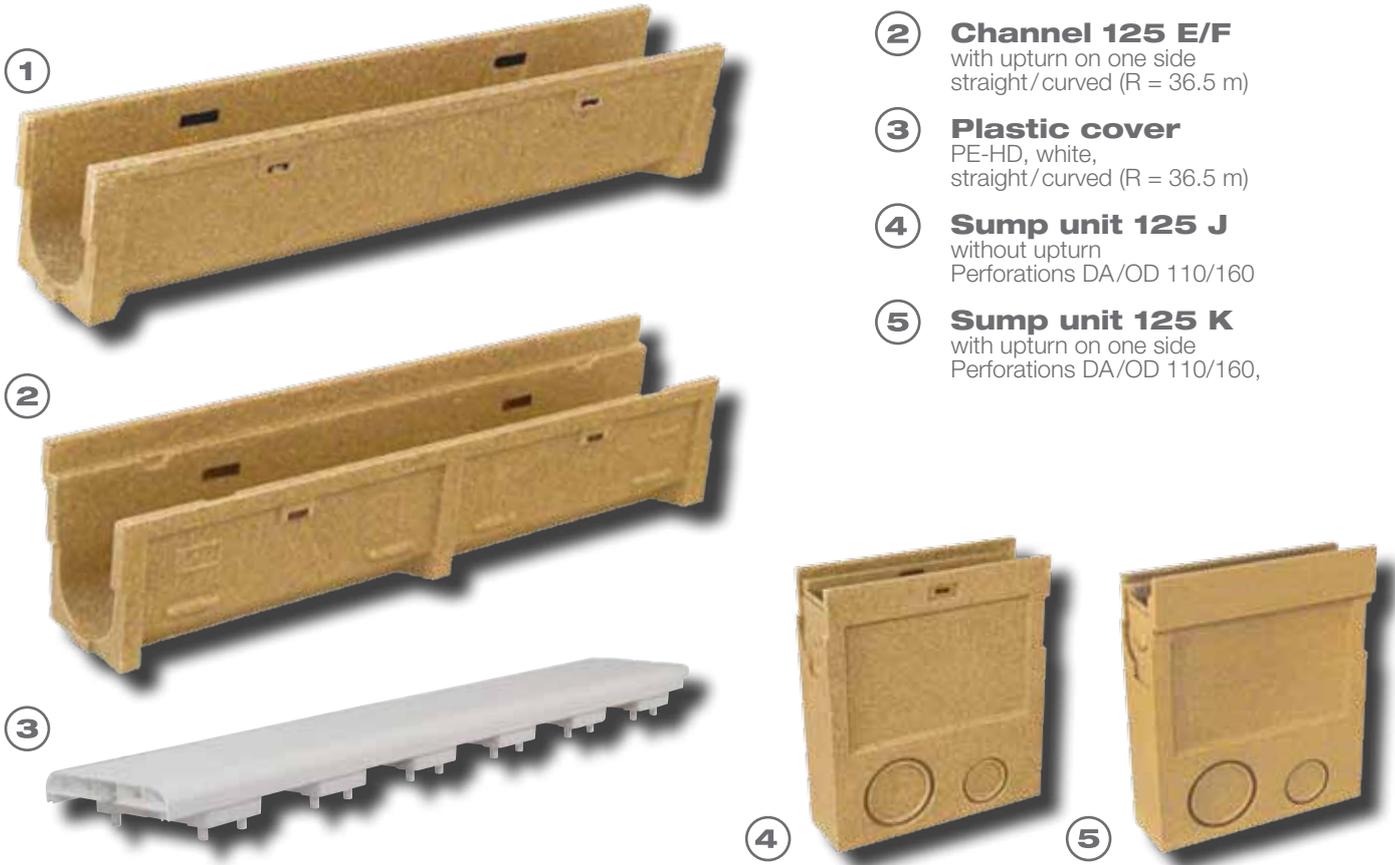
Proof of suitability for ANRIN SPORT construction elements

All ANRIN SPORT construction elements comply with the requirements of DIN 18035 Sport fields/drainage.



**ANRIN SPORT Drainage system 125
for arenas with raised playing field**

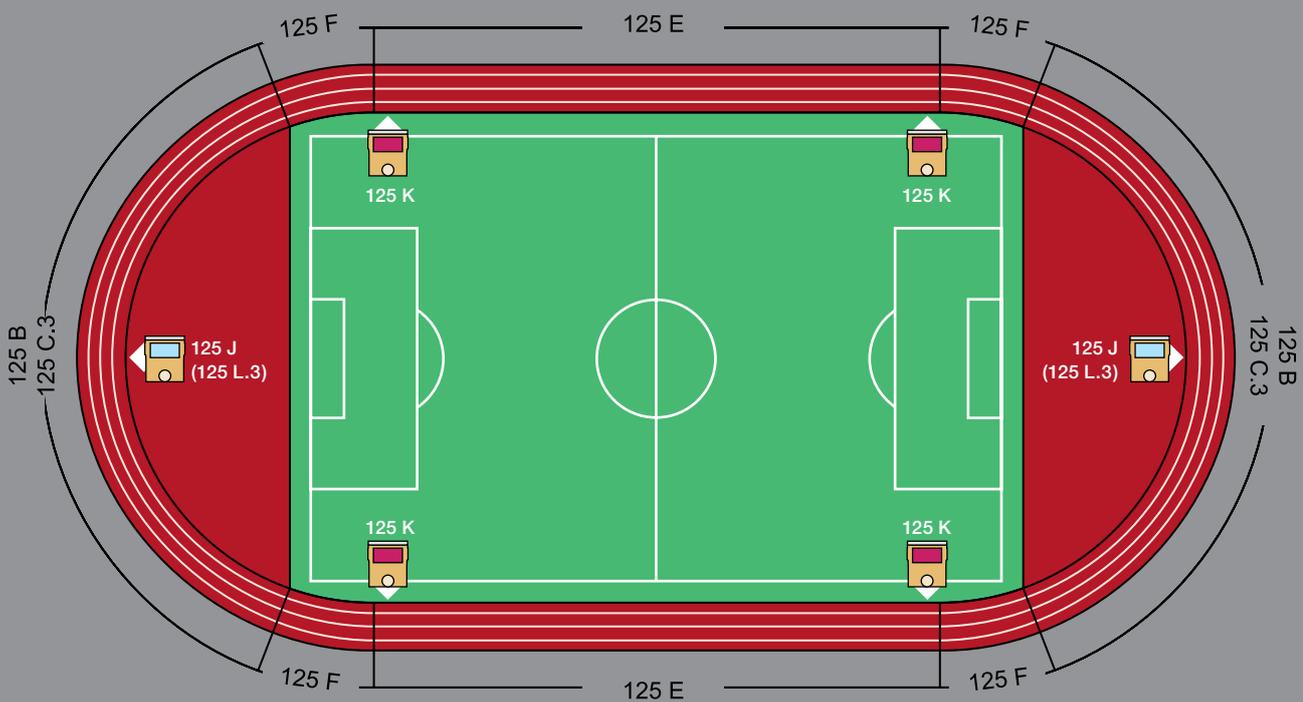
- ① **Channel 125 A/B**
without upturn
straight/curved (R = 36.5m)
- ② **Channel 125 E/F**
with upturn on one side
straight/curved (R = 36.5 m)
- ③ **Plastic cover**
PE-HD, white,
straight/curved (R = 36.5 m)
- ④ **Sump unit 125 J**
without upturn
Perforations DA/OD 110/160
- ⑤ **Sump unit 125 K**
with upturn on one side
Perforations DA/OD 110/160,



Areas of application

Arenas with raised playing field and/or segments

Tracks with raised auxiliary surfaces



 Sump unit with 4cm upturn

 Sump unit without upturn

For drainage of arenas with elevated turf playing fields, open channels with upturn on one side are used. In the segment area, open channels without upturn are used, because the track and segments are normally on the same level.

According to DIN 18035 and the international track and field regulations, the track must have a delimitation on the inside that is at least 5 cm wide and 5 cm high.

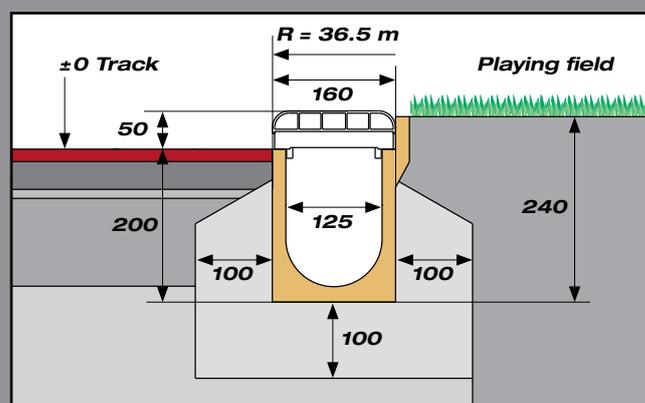
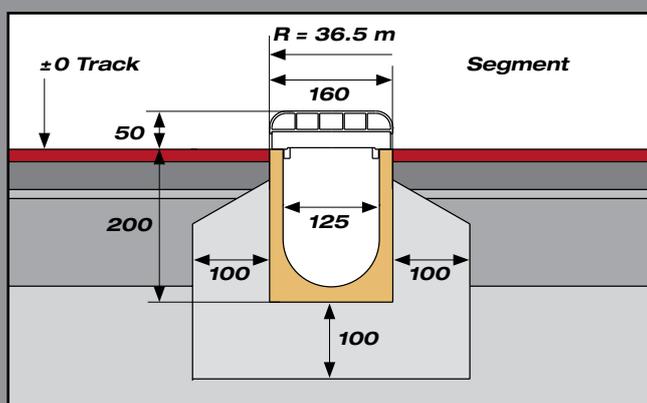
The resin concrete channel body and PE-HD plastic cover combine for an advantageous combination of drainage and track delimitation in the ANRIN SPORT Drainage System NW 125.

ANRIN SPORT Drainage system 125, open channel

| | |
|--|---------------|
| Channel type 125 A, without upturn, in the straight-away | Item 04111000 |
| Plastic cover, straight | Item 04370000 |
| Channel type 125 B, without upturn, in the field/segment transition area and/or in the segment | Item 04112000 |
| Plastic cover, curved | Item 04371000 |
| Alternative for equal level covering: | |
| Channel type 125 C.3, slotted channel, in the segment | Item 04112310 |
| Plastic cover, curved | Item 04374000 |
| Channel type 125 E, with upturn, in the straight-away | Item 04113000 |
| Plastic cover, straight | Item 04370000 |
| Channel type 125 F, with upturn, in the playing field/segment transition area | Item 04114000 |
| Plastic cover, curved | Item 04371000 |
| Sump unit type 125 J, without upturn, in the segment | Item 04117000 |
| Sump unit type 125 K, with upturn, in the straight-away | Item 04118000 |

| Specifications | 125 A/B | 125 E/F | Sump unit | Cover |
|----------------|----------------|----------------|----------------|---------|
| Material | Resin concrete | Resin concrete | Resin concrete | Plastic |
| Length | 100 cm | 100 cm | 50 cm | 100 cm |
| Width | 16.0 cm | 17.5 cm | 16.0–17.5 cm | 16.0 cm |
| Height | 20.0 cm | 24.0 cm | 58.5–62.5 cm | 5.0 cm |
| Weight | 16.0 kg | 18.0 kg | 29.0–29.6 kg | |

Example installations



ANRIN SPORT Drainage system 125

Channel 125 A/B

- Straight/curved
- White plastic cover

ANRIN SPORT Drainage system 125

Channel 125 E/F

- Straight/curved
- White plastic cover

ANRIN SPORT Drainage system 125
slotted channel for arenas with
equal level playing field
Design for in-situ covering

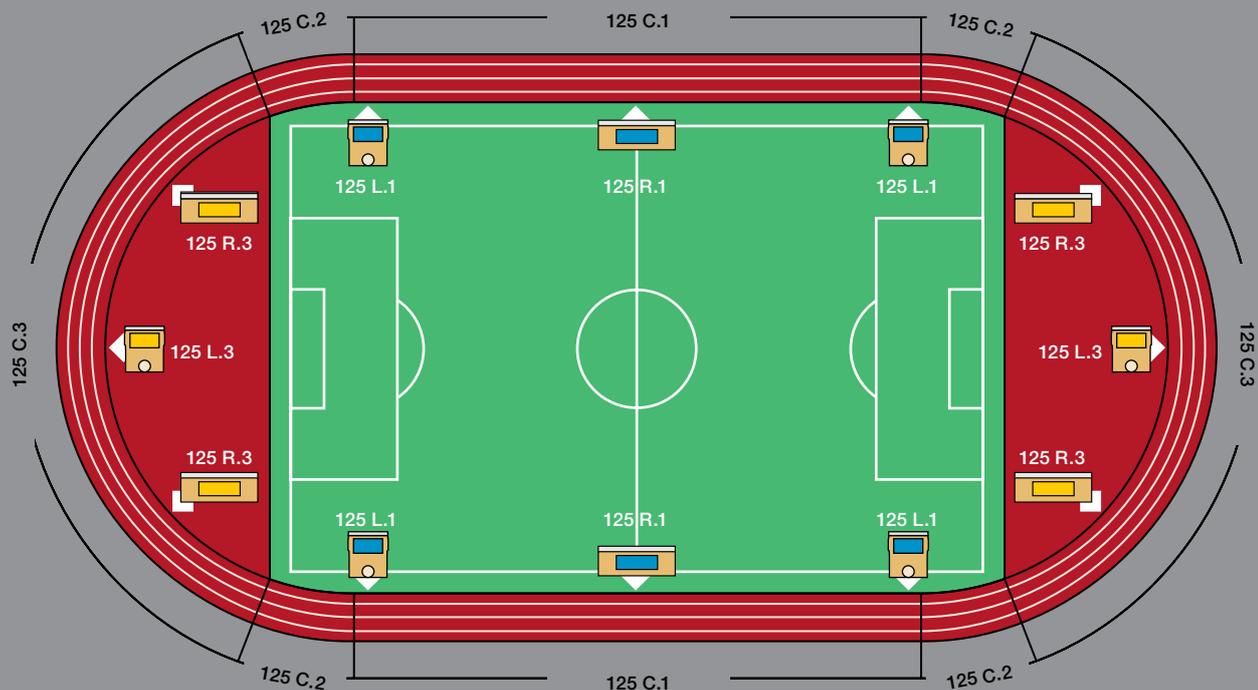


- ① **Channel 125 C.1-C.4**
with claw grooves
coatable on one/both sides
straight/curved (R = 36.5m)
- ② **Channel 125 R.1-R.4**
Channel with inspection opening,
with claw grooves
coatable on one/both sides
straight/curved (R = 36.5m)
- ③ **Plastic cover**
PE-HD, white, mobile,
straight/curved (R = 36.5 m)
- ④ **Sump unit 125 L.1**
with aluminium angle frame and
slotted cover coatable on one side,
with PE sludge bucket and perforations
DA/OD 110/160
- ⑤ **Sump unit 125 L.3**
with aluminium angle frame and
slotted cover coatable on both sides,
with PE sludge bucket and
DA/OD 110/160 perforations

Areas of application

Arenas with equal level of playing field, track and/or segments

Bundeswehr Sports Facilities



- Sump unit with cover
coatable on one side
- Channel with inspection
opening coatable on one side
- Sump unit with cover
coatable on both sides
- Channel with inspection
opening coatable on both sides

Slotted channels C.1-C.4

Top side with claw grooves, for *in-situ coverings*.

Slotted channels R.1-R.4

with inspection opening, for cleaning the channel string.

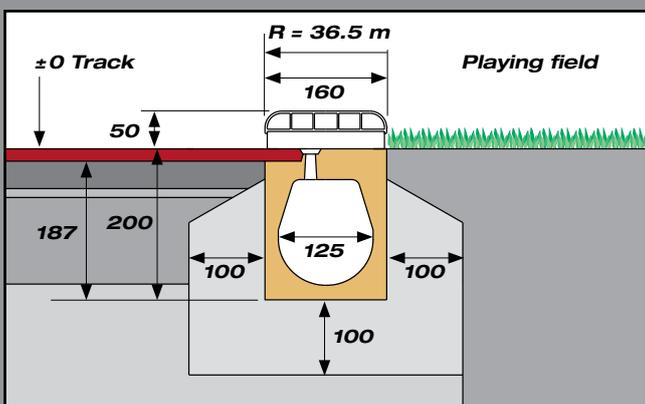
For the increasing number of arenas with equal-level playing fields, the ANRIN SPORT drainage system NW125 slotted channel was developed. This system guarantees a high degree of variability in relation to various facility areas. The avoidance of tripping edges increases the convenience of use and simplifies care.

In order to conform with the regulations of the international track and field association, it is sufficient, when necessary (e.g. in the event of a competition), to provide the channel bodies along the inside of the track with a mobile edge rail or plastic cover.

| ANRIN SPORT Drainage system 125 slotted channel, for in-situ coverings | |
|---|---------------|
| Channel type 125 C.1, straight, coatable on one side, in the straight-away | Item 04112110 |
| Channel type 125 C.2, curved, coatable on one side, in the playing field/segment transition area | Item 04112210 |
| Channel type 125 C.3, curved, coatable on both sides, in the segment | Item 04112310 |
| Channel type 125 C.4, straight, coatable on both sides, in the straight-away | Item 04112410 |
| Channel type 125 R.1, straight, coatable on one side, with inspection opening, in the straight-away | Item 04112120 |
| Channel type 125 R.2, curved, coatable on one side, with inspection opening, in the playing field/segment transition area | Item 04112220 |
| Channel type 125 R.3, curved, coatable on both sides, with inspection opening, in the segment | Item 04112320 |
| Channel type 125 R.4, straight, coatable on both sides, with inspection opening, in the straight-away | Item 04112420 |
| Sump unit type 125 L.1, with slotted cover, coatable on one side, in the straight-away | Item 04119010 |
| Sump unit type 125 L.3, with slotted cover, coatable on both sides, in the straight-away | Item 04119030 |
| Plastic cover, PE-HD, white, mobile, straight | Item 04373000 |
| Plastic cover, PE-HD, white, mobile, curved | Item 04374000 |

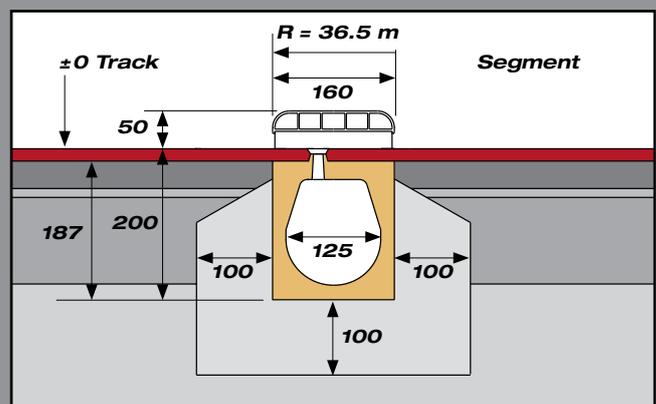
| Specifications | 125 C.1-C.4 | 125 R.1-R.4 | Sump unit | Cover |
|-----------------------|--------------------|--------------------|------------------|--------------|
| Material | Resin concrete | Resin concrete | Resin concrete | Plastic |
| Length | 100 cm | 100 cm | 50 cm | 100 cm |
| Width | 16.0 cm | 16.0 cm | 16.0 cm | 16.0 cm |
| Height | 18.7-20.0 cm | 18.7-20.0 cm | 63.5 | 5.0 cm |
| Weight | 22.5-25.0 kg | 24.0-29.0 kg | 29.9 kg | |

Example installations



ANRIN SPORT Drainage system 125 slotted channel
Channel 125 C.1/C.2
Channel 125 R.1/R.2

- Straight/curved
- White plastic cover
- Coatable on one side



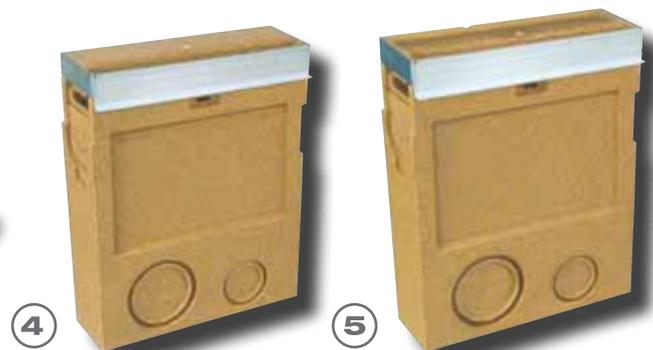
ANRIN SPORT Drainage system 125 slotted channel
Channel 125 C.3/C.4
Channel 125 R.3/R.4

- Straight/curved
- White plastic cover
- Coatable on both sides

ANRIN SPORT Drainage system 125
slotted channel for arenas with
equal level playing field
Design with level surface for
coating with track surface



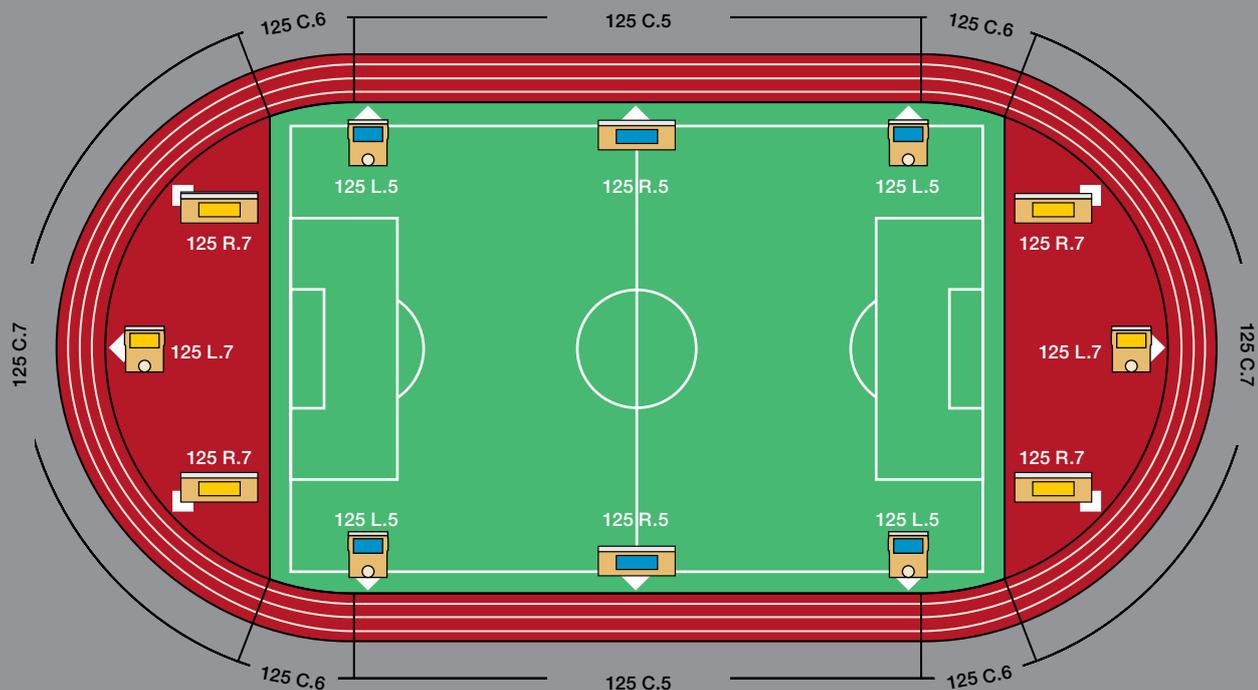
- ① **Channel 125 C.5-C.8**
coatable on one/both sides,
straight/curved (R = 36.5 m)
- ② **Channel 125 R.5-R.8**
Channel with inspection opening
coatable on one/both sides,
straight/curved (R = 36.5 m)
- ③ **Plastic cover**
PE-HD, white, mobile,
straight/curved (R = 36.5 m)
- ④ **Sump unit 125 L.5**
with aluminium angle frame and
slotted cover coatable on one side,
with PE sludge bucket and
DA/OD 110/160 perforations
- ⑤ **Sump unit 125 L.7**
with aluminium angle frame and
slotted cover coatable on both sides,
with PE sludge bucket and
DA/OD 110/160 perforations



Areas of application

Arenas with equal level of playing field, track and/or segments

Bundeswehr Sports Facilities



-  Sump unit with cover
coatable on one side
-  Channel with inspection
opening coatable on one side
-  Sump unit with cover
coatable on both sides
-  Channel with inspection
opening coatable on both sides

Slotted channels C.5–C.8

level top side, for covering with track material.

Slotted channels R.5–R.8

with inspection opening, for cleaning the channel string.

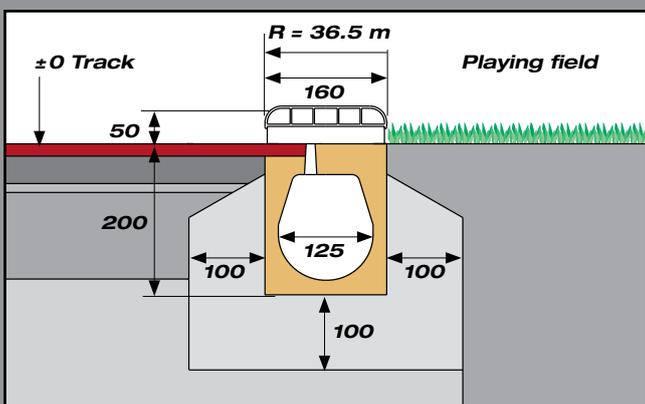
For the increasing number of arenas with equal-level playing fields, the ANRIN SPORT drainage system NW125 slotted channel was developed. This system guarantees a high degree of variability in relation to various facility areas. The avoidance of tripping edges increases the convenience of use and simplifies care.

In order to conform with the regulations of the international track and field association, it is sufficient, when necessary (e.g. in the event of a competition), to provide the channel bodies along the inside of the track with a mobile edge rail or plastic cover.

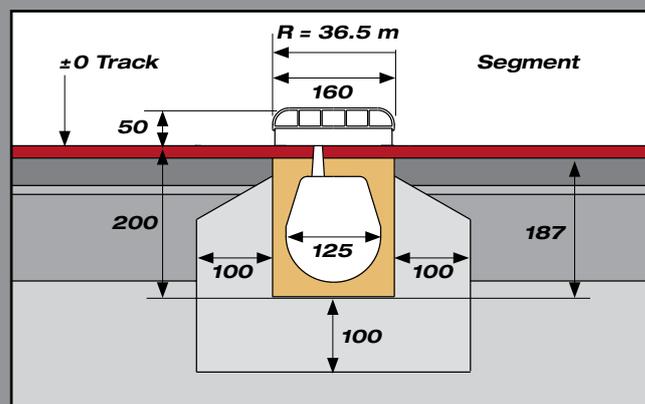
| ANRIN SPORT Drainage system 125 slotted channel for coatings with track material | |
|---|---------------|
| Channel type 125 C.5, straight, coatable on one side, in the straight-away | Item 04112510 |
| Channel type 125 C.6, curved, coatable on one side, in the playing field/segment transition area | Item 04112610 |
| Channel type 125 C.7, curved, coatable on both sides, in the segment | Item 04112710 |
| Channel type 125 C.8, straight, coatable on both sides, in the straight-away | Item 04112810 |
| Channel type 125 R.5, straight, coatable on one side, with inspection opening, in the straight-away | Item 04112520 |
| Channel type 125 R.6, curved, coatable on one side, with inspection opening, in the playing field/segment transition area | Item 04112620 |
| Channel type 125 R.7, curved, coatable on both sides, with inspection opening, in the segment | Item 04112720 |
| Channel type 125 R.8, straight, coatable on both sides, with inspection opening, in the straight-away | Item 04112820 |
| Sump unit type 125 L.5, with slotted cover, coatable on one side, in the straight-away | Item 04119050 |
| Sump unit type 125 L.7, with slotted cover, coatable on both sides, in the straight-away | Item 04119070 |
| Plastic cover, PE-HD, white, mobile, straight | Item 04373000 |
| Plastic cover, PE-HD, white, mobile, curved | Item 04374000 |

| Specifications | 125 C.5–C.8 | 125 R.5–R.8 | Sump unit | Cover |
|-----------------------|--------------------|--------------------|------------------|--------------|
| Material | Resin concrete | Resin concrete | Resin concrete | Plastic |
| Length | 100 cm | 100 cm | 50 cm | 100 cm |
| Width | 16.0 cm | 16.0 cm | 16.0 cm | 16.0 cm |
| Height | 18.7–20.0 cm | 18.7–20.0 cm | 63.5 | 5.0 cm |
| Weight | 22.5–26.0 kg | 24.0–26.0 kg | 29.9 kg | |

Example installations



ANRIN SPORT Drainage system 125 slotted channel
 Channel 125 C.5/C.6
 Channel 125 R.5/R.6
 • Straight/curved
 • White plastic cover
 • Coatable on one side



ANRIN SPORT Drainage system 125 slotted channel
 Channel 125 C.7/C.8
 Channel 125 R.7/R.8
 • Straight/curved
 • White plastic cover
 • Coatable on both sides

ANRIN SPORT Turf edge plate for enclosing tracks with synthetic covering

- ① **Turf edge plate**
with 4 bracket anchors,
claw grooves
straight/curved (R = 44.10 m)
- ② **Turf edge plate**
front view

①



②



ANRIN SPORT turf edge plate made of resin concrete is a special construction for the outside enclosing of tracks in arenas. The one-sided claw groove enables the exact handling of

the synthetic covering. For simple and clean installation, the front ends are fitted with a tongue and groove system. The profiled underside of the turf edge plate and 4 symmetrically arranged

bracket anchors guarantee a long-lasting and frost-proof connection to the strip foundation.

ANRIN SPORT Turf edge plate

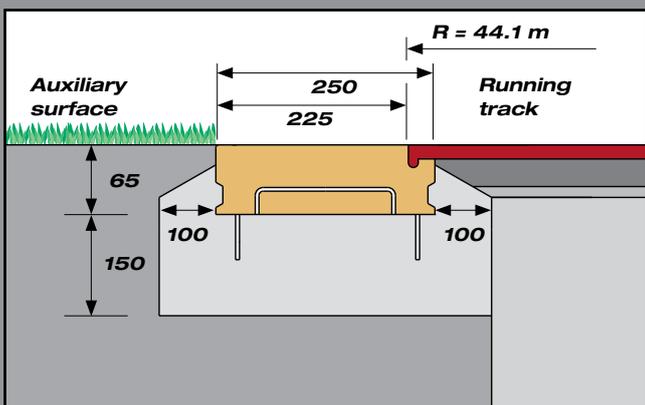
| | |
|--|---------------|
| Turf edge plate, straight, with 4 bracket anchors, claw grooves | Item 04204500 |
| Turf edge plate, curved (R = 44.10m), with 4 bracket anchors, claw grooves | Item 04204600 |

| Specifications | Turf edge plate | Turf edge plate, curved, R = 44.1 m |
|----------------|-----------------|-------------------------------------|
| Material | Resin concrete | Resin concrete |
| Length | 100 cm | 100 cm |
| Width | 25.0 cm | 25.0 cm |
| Height | 6.5 cm | 6.5 cm |
| Weight | 19.0 kg | 19.0 kg |

Areas of application

- Outside edging of tracks in arenas
- Edging of playing surfaces

Example installations



ANRIN SPORT Turf edge plate

- With 4 bracket anchors
- Claw groove
- Straight/curved (R = 44.1 m)

SERVICE

ANRIN provides custom solutions and possibilities for sports facility construction. Here you benefit from reliable cooperation with our technical office staff and good contact with the field staff. ANRIN is certified according to DIN EN ISO 9001.

ANRIN DIRECT CONTACT: +49 (0) 29 47.97 81-0



ANRIN SPORT Drainage system tray channel for arenas, type C and D

- ① **Tray channel**
closed, straight,
with 2 bracket anchors
- ② **Tray channel**
front view
- ③ **Sump unit**
in tray form
with inner-lying OvalGrip compound grating
with PE bucket and drain DA/OD 110

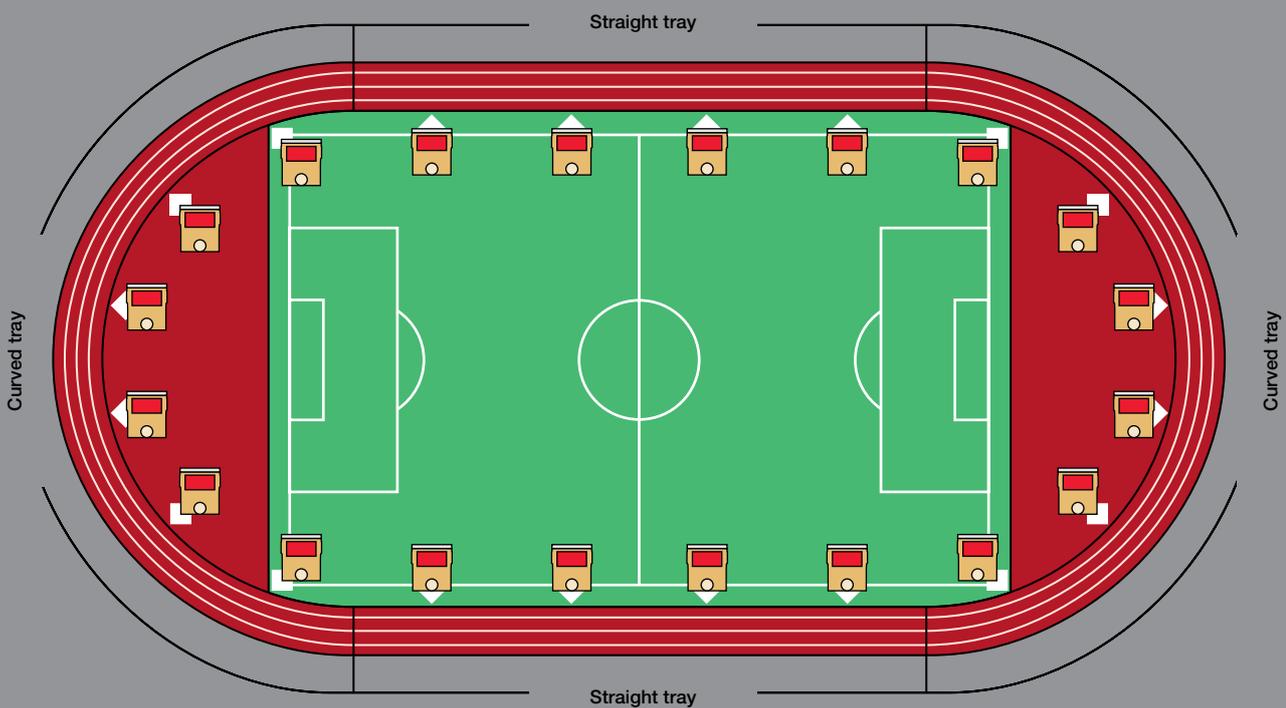


Areas of application

Arenas with a raised playing field on equal level

Playing fields and sport surfaces with turf/synthetic and turf/threshing covering combinations

Sand or granulate-filled artificial turf fields



 Sump unit for tray channels

ANRIN SPORT tray channels made of resin concrete, with a flat and open cross-section, are an intelligent alternative for the drainage of sports facilities with unattached surfaces.

As a channel without cover which is easy to clean, it is a safe and clean solution as a playing field delimiter due to the optimised height/width ratio. Each channel is equipped with 2 bracket

anchors which guarantee a stable connection with the subsurface.

Installation takes place in a concrete bed of 15x35 cm; expansion joints every 20 m.

ANRIN SPORT Tray channel

| | |
|---|---------------|
| Tray channel straight, L = 100 cm, in the straight-away | Item 04211010 |
| Tray channel curved, R = 36.5 m, in the playing field/segment transition area and in the segments | Item 04212010 |
| OvalGrip compound grating, PA, L = 50 cm, for insertion in the sump unit | Item 01004140 |
| Sump unit with PE bucket and DA/OD 110 perforation with sealing ring | Item 04215000 |

| Specifications | Tray channel | Sump unit |
|----------------|----------------|----------------|
| Material | Resin concrete | Resin concrete |
| Length | 100 cm | 50 cm |
| Width | 25.0 cm | 25.0 cm |
| Height | 7.0 cm | 37.5 cm |
| Weight | 19.0 kg | 22.0 kg |

Example installations

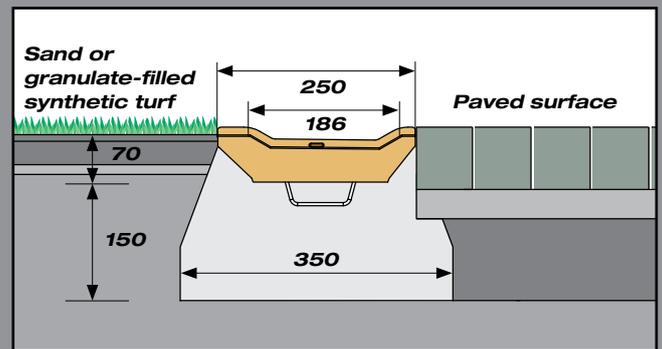
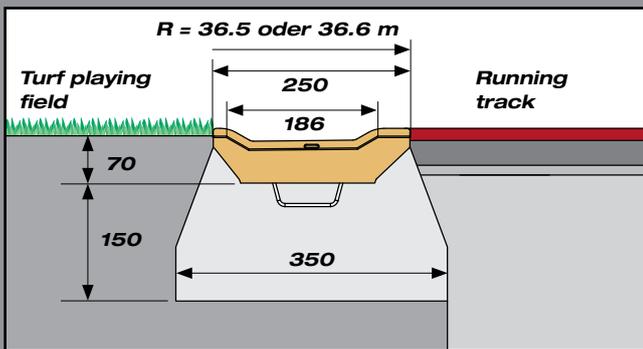


Image above
ANRIN SPORT Tray channel

- With 2 bracket anchors
- Straight/curved (R=36.5 m)

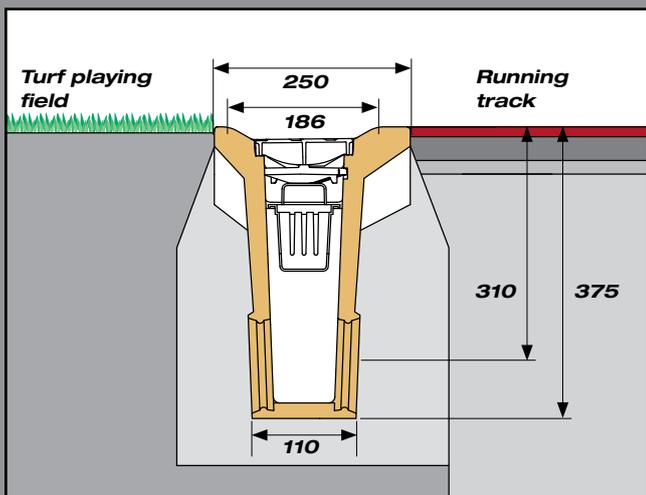


Image below
ANRIN SPORT Sump unit tray channel

- With matching tray channel
- With inner-lying OvalGrip compound grating
- With PE bucket and DA/OD 110 perforation
- Pipe connection optionally to the left or right
- Optionally available with cap face matching expansion joint bands

ANRIN SPORT Drainage system tray channel for arenas, type C and D
Design with claw groove for arenas with synthetic covering

- ① **Tray channel**
closed, straight, with 2 bracket anchors.
Version with claw groove
- ② **Tray channel**
front view, version with claw groove
- ③ **Sump unit**
in tray channel with claw groove
with inner-lying OvalGrip compound grating
with PE bucket and drain DA/OD 110



Areas of application

- Arenas with a raised playing field on equal level
- Playing fields and sport surfaces with turf/synthetic covering combinations
- Sand or granulate-filled artificial turf fields



ANRIN SPORT tray channels made of resin concrete, with a flat and open cross-section, are an intelligent alternative for the drainage of sports facilities with unattached surfaces.

As a channel without cover which is easy to clean, it is a safe and clean solution as a playing field delimiter due to the optimised height/width ratio. Each channel is equipped with 2 bracket

anchors which guarantee a stable connection with the subsurface.

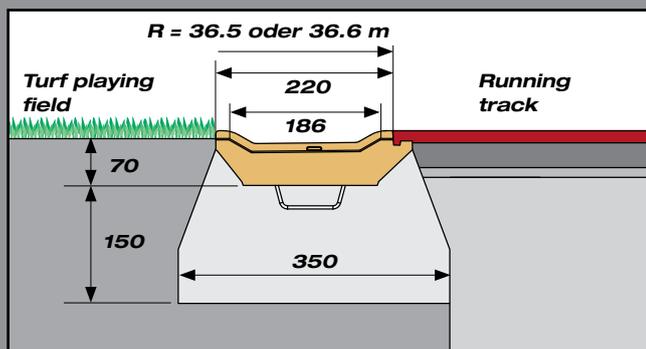
Installation takes place in a concrete bed of 15x35 cm; expansion joints every 20 m.

ANRIN SPORT Tray channel

| | |
|---|---------------|
| Tray channel straight, L = 100 cm, in the straight-away | Item 04211020 |
| Tray channel curved, R = 36.5 m, in the playing field/segment transition area and in the segments | Item 04212020 |
| OvalGrip compound grating, PA, L = 50 cm, for insertion in the sump unit | Item 01004140 |
| Sump unit with PE bucket and DA/OD 110 perforation with sealing ring | Item 04215001 |

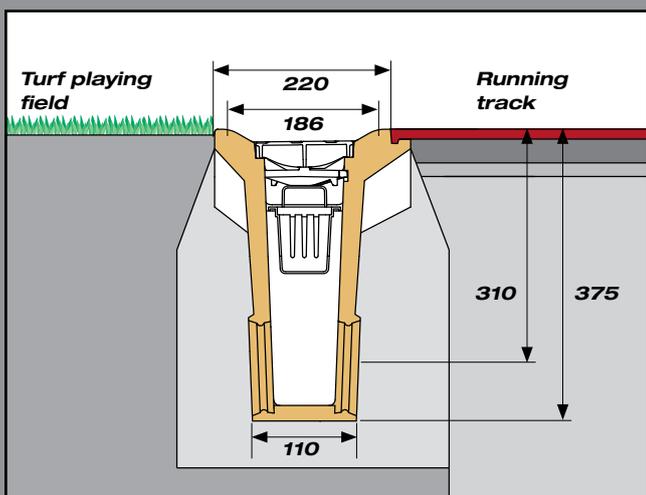
| Specifications | Tray channel | Sump unit |
|----------------|----------------|----------------|
| Material | Resin concrete | Resin concrete |
| Length | 100 cm | 50 cm |
| Width | 25.0 cm | 25.0 cm |
| Height | 7.0 cm | 37.5 cm |
| Weight | 19.0 kg | 22.0 kg |

Example installations



ANRIN SPORT Tray channel

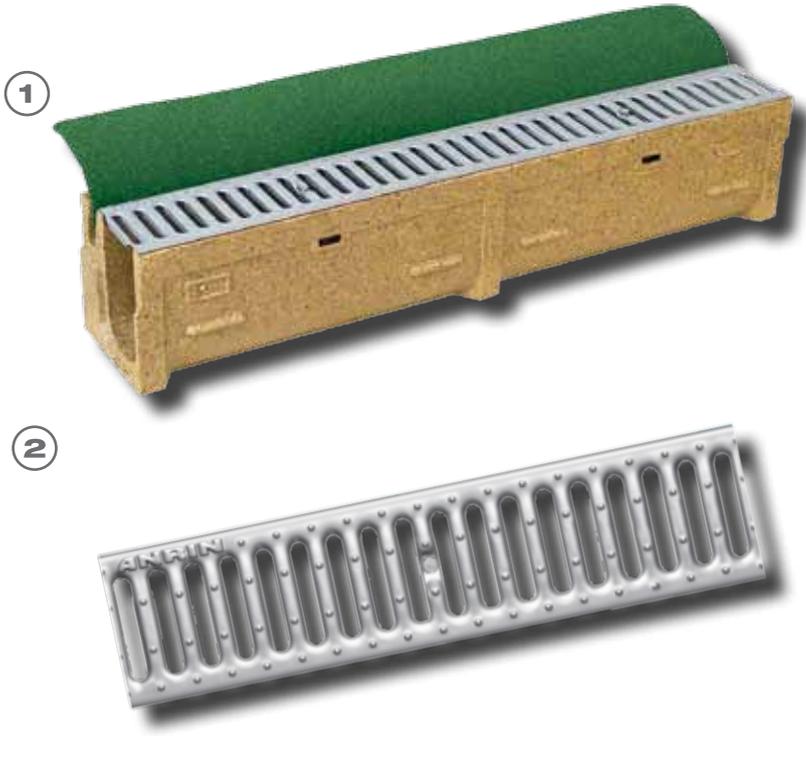
- With 2 bracket anchors
- Claw groove
- Straight / curved (R = 36.5 m)



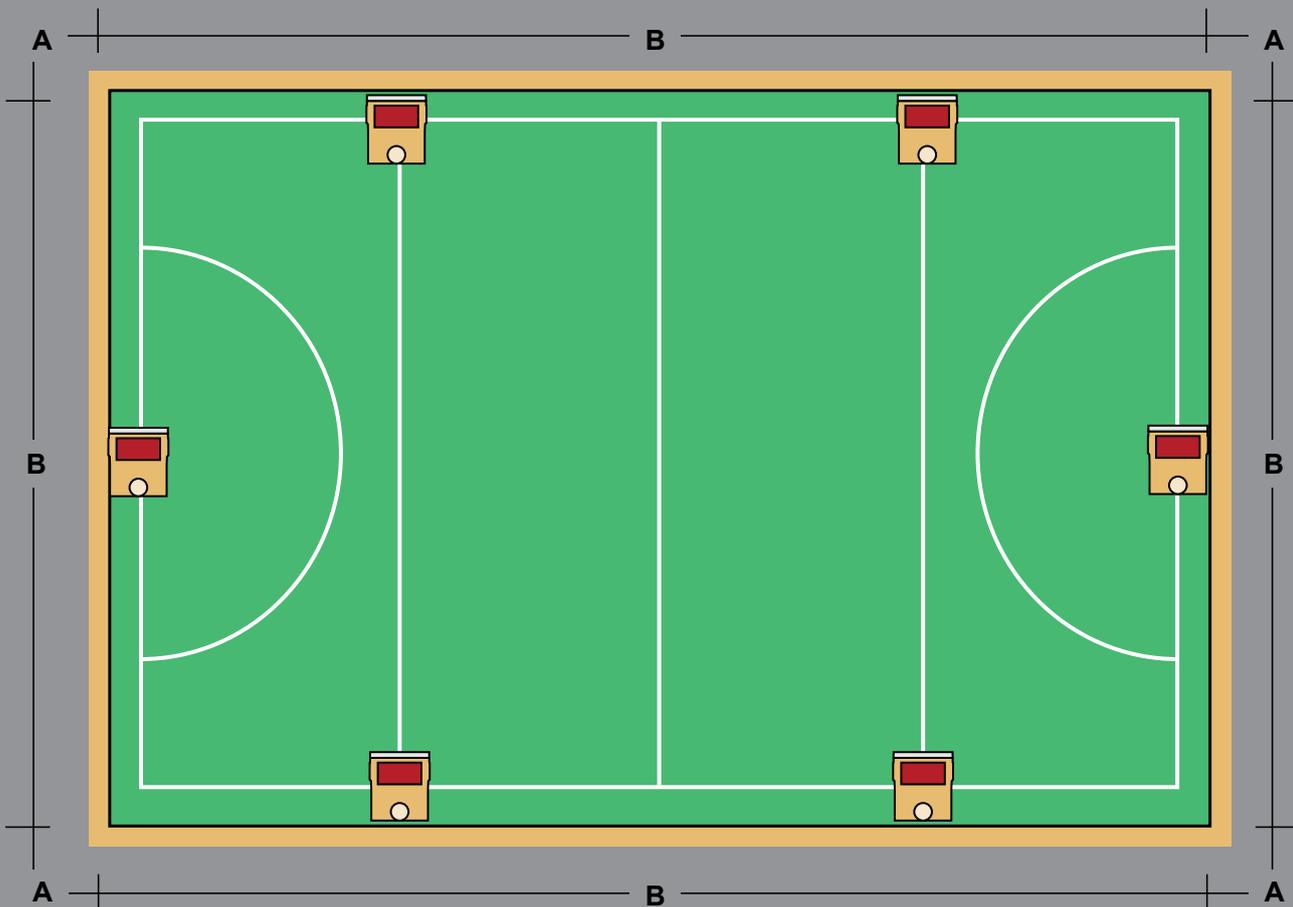
ANRIN SPORT Sump unit tray channel

- With matching tray channel
- Claw groove
- With inner-lying OvalGrip compound grating
- With PE bucket and DA/OD 110 perforation
- Pipe connection optionally to the left or right
- Optionally available with cap face matching expansion joint bands

ANRIN SPORT Drainage system NW 100
Synthetic turf for rectangular
synthetic turf playing fields.
Clamping for the synthetic turf
outside the channel.



- ① **Clamp channel NW 100**
with slotted steel grating and TwistLock fastening, incl. clamp set
- ② **Cover grating**
slotted steel grating, galvanised steel with TwistLock
- ③ **Sump unit**
for clamp channel NW 100 with PE bucket and DA/OD 110 perforation with slotted steel grating Kl.A and TwistLock fastening incl. clamp set



Sump unit for clamping channel NW 100

A Clamp channel with mitred cut for 90° corner
 Clamp stone with mitred cut for 90° corner
 Clamp rail with mitred cut for 90° corner

B Clamp channel NW 100 L = 100 cm
 Clamp stone L = 100 cm
 Clamp rail L = 200 cm

The ANRIN SPORT drainage system NW 100 synthetic turf is the optimal solution of the drainage of all modern synthetic turf facilities. Two important functions are simultaneously addressed by one single component: the fastening

of the synthetic turf and the drainage of the auxiliary surfaces. The screw-less clamping prevents damage to the covering material. By dispensing with metal parts on the surface, the greatest possible safety is assured for sports.

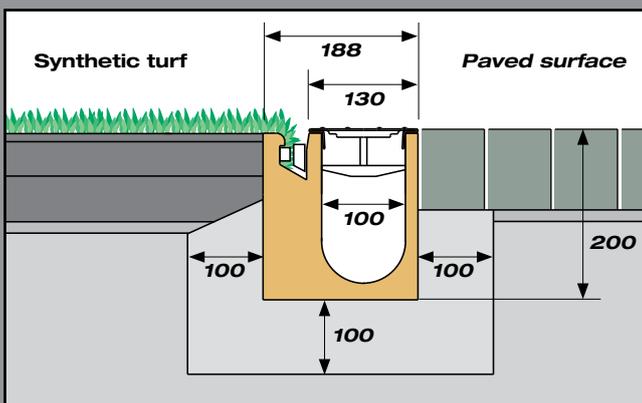
The channel cross-section, without disruptive fastening parts of covers and locking mechanisms, facilitates cleaning and maintenance processes.

| ANRIN SPORT Drainage system NW 100 synthetic turf | |
|--|---------------|
| Clamp channel NW 100, L = 100 cm, with slotted galvanised steel grating | Item 04401001 |
| Sump unit with inlet opening, dirt trap bucket and perforation for pipe socket DA/OD 110 | Item 04403000 |
| Mitre cut on clamping channel NW 100 with slotted steel grating for 90° corner | Item 01307600 |

| Specifications | NW 100 | Sump unit | Cover |
|-----------------------|----------------|------------------|------------------|
| Material | Resin concrete | Resin concrete | Galvanised steel |
| Length | 100 cm | 50 cm | 100 cm |
| Width | 18.8 cm | 18.8 cm | 13.0 cm |
| Height | 20.0 cm | 56.3 cm | |
| Weight | 25.0 kg | 27.5 kg | |

Areas of application
for rectangular synthetic turf playing fields with even-level auxiliary surfaces

Example installation



ANRIN SPORT Drainage system NW 100 synthetic turf clamp channel NW 100

- For rectangular synthetic turf playing fields with even-level auxiliary surfaces
- Straight
- Slotted steel grating

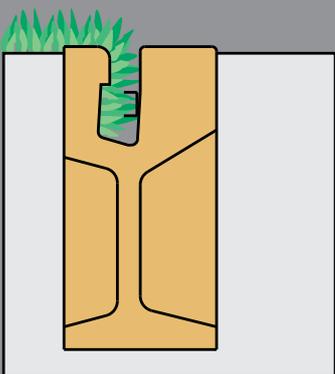


ANRIN SPORT Clamp stone and clamp rail for edging of synthetic turf playing fields in combination with pavement, edge blocks or channels

- ① **Clamp stone**
with 5 cm concrete edge,
playing surface raised 0–5 cm,
incl. clamping set
- ② **Clamp rail**
galvanised steel,
with 4 anchors, incl. clamping set
- ③ **Clamping set**

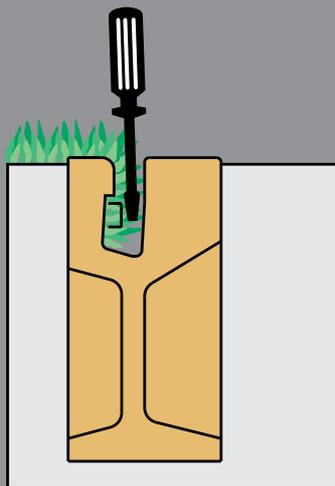


ANRIN SPORT Clamp system functional description

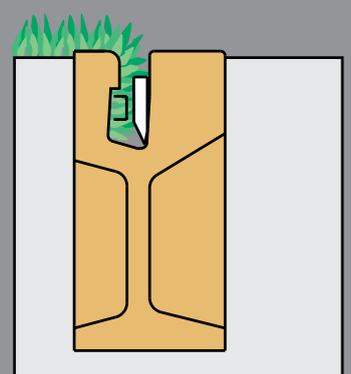


1. Cut the seam of the synthetic turf and insert it in the clamping slot (a).

2. Press the gripper rail (b) into the clamping slot with the short brackets aligned towards the synthetic turf until the top edge with the insertion chamfer closes on the clamp stone.



3. Insert a screwdriver behind the gripper rail and press in and forward by turning the edge of the gripper rail.



4. Then fix the wedge (c) behind the gripper rail with the chamfer on aligned towards the artificial turf using the driving tool.

With the ANRIN SPORT clamp stone made of resin concrete and the ANRIN SPORT clamp rail made of galvanised steel, two highly-functional and easy-to-install clamping systems are available for

the edging of traditionally installed synthetic turf. In the process, the synthetic turf is aligned with the corresponding gripper rail in the clamping slot and fixed in place by driving in the synthetic

wedge. The clamp stone and clamp rail are suitable for combination with pavers, edge plates and drainage channels. The installation takes place in a concrete foundation.

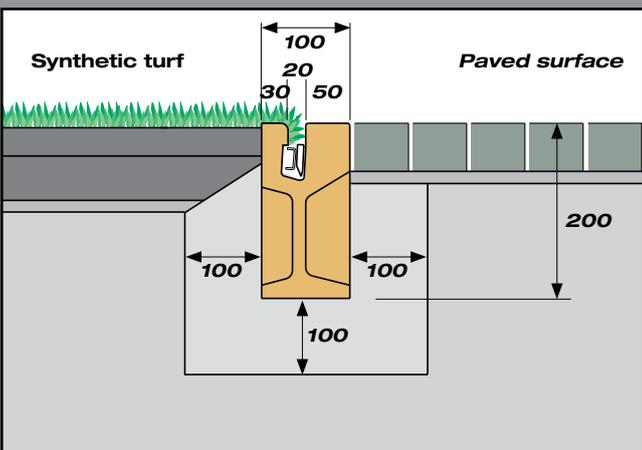
ANRIN SPORT Clamp stone and clamp rail for synthetic turf playing fields

| | |
|---|---------------|
| Clamp Stone with 5 cm concrete edge, Clamp side lowered by 13 mm | Item 04435003 |
| Mitred cut on the clamp stone for 90° corner or clamping rail | Item 01307600 |
| Clamp rail, galvanised steel, with 4 anchors, length = 200 cm | Item 04436001 |
| Clamping set for each meter of the clamping system, 4 plastic wedges and 2 U-rails are required | |

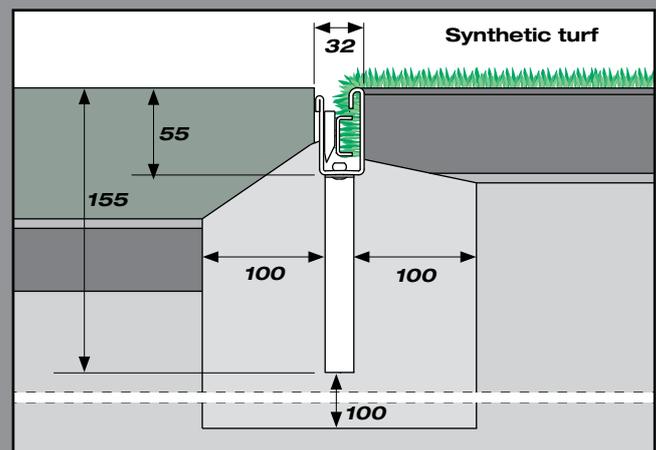
| Specifications | Clamp stone with concrete edge | Clamp rail |
|----------------|--------------------------------|------------------|
| Material | Resin concrete | Galvanised steel |
| Length | 100 cm | 200 cm |
| Width | 10.0 cm | 3.2 cm |
| Height | 20.0 cm | 5.5 cm |
| Weight | 21.1 kg | 7.0 kg |

Area of use

for rectangular synthetic turf playing fields with even-level auxiliary surfaces



ANRIN SPORT Clamp stone



ANRIN SPORT Clamp rail



ANRIN SPORT Soft kerbing for edging of tracks, playing fields and long jump pits

- ① **Soft kerbing**
with black rubber profile
- ② **Soft kerbing**
with white rubber profile



Area of use

Outside and inside **track delimiting**

Segment delimiting of playing fields

Edging of jump pits, shot enclosures

Edging of volleyball courts



Jump pit and track edging with soft kerbing

ANRIN SPORT soft kerbings made of resin concrete with EPDM rubber profile in black or white are especially well-suited for the edging of tracks, for delimiting playing fields against segment areas and for edging jump pits or shot

enclosures. The rubber profile is poured in the resin concrete and provides optimal active safety due to the elasticity of the material and the rounded edges. Widths of 5 cm for track delimiting, over 6 cm for jump pits and beach volleyball

courts, up to 10 cm for shot pits and constructions height from 20 to 40 cm offer a multitude of custom construction and design possibilities.

ANRIN SPORT Soft kerbing

| | L = 100 cm | L = 50 cm | Corner piece | Area of application |
|-------------|------------|-----------|--------------|-------------------------------------|
| 6/40 white | 04521000 | 04521100 | 04521200 | Long and triple jump |
| 6/40 black | 04501000 | 04501100 | 04501200 | |
| 6/30 white | 04522000 | 04522100 | 04522200 | Long and triple jump |
| 6/30 black | 04502000 | 04502100 | 04502200 | |
| 6/25 white | 04523000 | | | Edging of tracks and playing fields |
| 6/25 black | 04503000 | | | |
| 6/20 white | 04524000 | | | Edging of tracks and playing fields |
| 6/20 black | 04504000 | | | |
| 5/25 white | 04526000 | | | Edging of tracks and playing fields |
| 5/25 black | 04506000 | | | |
| 5/20 white | 04527000 | | | Edging of tracks and playing fields |
| 5/20 black | 04507000 | | | |
| 10/25 black | 04509500 | | | Shot enclosures, beach volleyball |
| 10/40 black | 04508000 | | | Shot enclosures, beach volleyball |

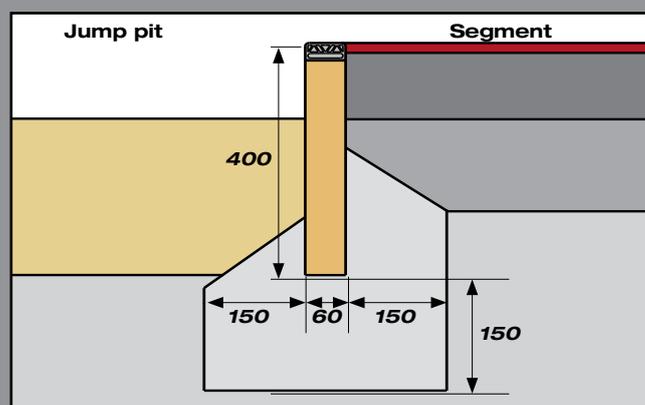
| Specifications | Soft kerbing | Length compensation | Corner piece |
|----------------|------------------------|---------------------|----------------|
| Material | Resin concrete | Resin concrete | Resin concrete |
| Length | 100.0 cm | 50 cm | 25 x 25 cm |
| Width | 5.0/6.0/10.0 cm | 6.0 cm | 6.0 cm |
| Height | 20.0/25.0/30.0/40.0 cm | 30.0/40.0 cm | 30.0/40.0 cm |
| Weight | 12.5–33.8 kg | 10.0/11.1 kg | 11.0/12.1 kg |

Installation plan

| Parts list: | |
|--------------------------------|-----------|
| Soft edge block | |
| 6/40/100 | = 28 pcs. |
| 6/40/50 | = 4 pcs. |
| 6/40/corner | = 4 pcs. |
| Sand collecting channel | |
| 100/50/14 | = 23 pcs. |
| 112/50/14 | = 3 pcs. |
| End cap | = 4 pcs. |

Installation plan for long jump pit edging based on a pit with dimensions of 9.00 x 7.00 m.

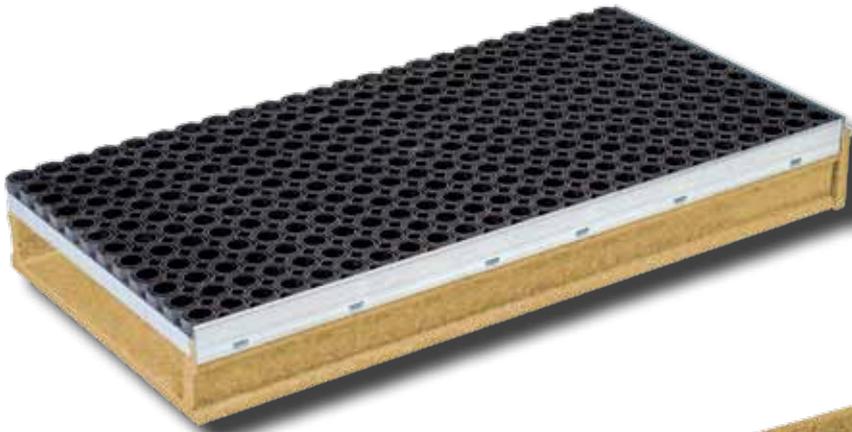
Example installation



**ANRIN SPORT Sand collecting channel
for collecting sand from long jump pits**

- ① **Sand collecting channel**
with end cap, slotted steel grating and
honeycomb mat
- ② **Sand collecting channel**
with end cap

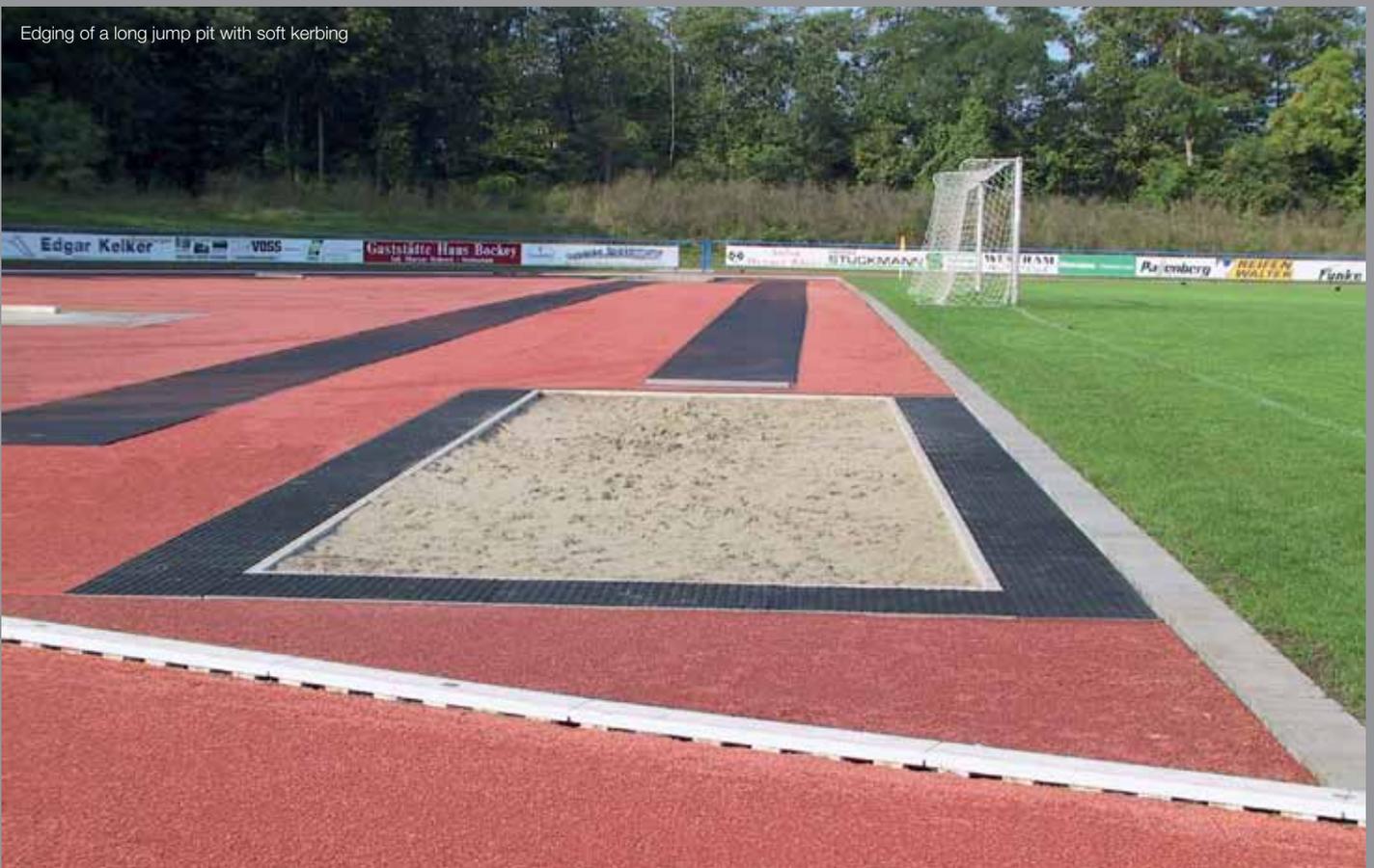
①



②



Edging of a long jump pit with soft kerbing



The ANRIN SPORT sand collecting channel is comprised of a resin concrete tray with surrounding steel edge and a cover made of mesh steel

grating with rubber honeycomb mat on top. For the delimiting of the sand pit against synthetic coated auxiliary surfaces, we recommend installation

in single or double rows. In doing so, excessive dirtying of the synthetic covering is prevented.

ANRIN SPORT Sand collecting channel

| | |
|---|---------------|
| Channel with steel edge and rubber mate on steel mesh grating, L = 100 cm | Item 04571000 |
| Channel with steel edge and rubber mate on steel mesh grating, L = 112 cm | Item 04572000 |
| Channel with steel edge and rubber mate on steel mesh grating, L = 67 cm | Item 04571670 |
| End cap with steel edge | Item 04573000 |

| Specifications | Sand collecting channel | Length compensation | End cap |
|----------------|-------------------------|---------------------|----------------|
| Material | Resin concrete | Resin concrete | Resin concrete |
| Length | 100.0 cm | 67.0 and 112.0 cm | |
| Width | 50.0 cm | 50.0 cm | 50.0 cm |
| Height | 14.0 cm | 14.0 cm | 14.0 cm |
| Weight | 43.0 kg | 48.0 kg | 2.9 kg |

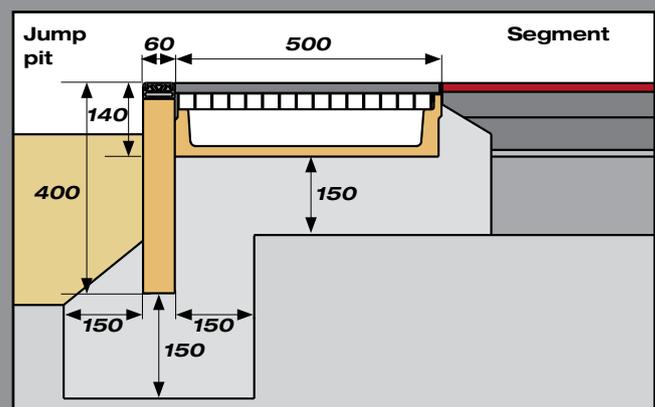
Area of use

Sand collecting channel for collecting sand from long jump pits

Example installation

| Parts list: | |
|--------------------------------|-----------|
| Soft edge block | |
| 6/40/100 | = 28 pcs. |
| 6/40/50 | = 4 pcs. |
| 6/40/corner | = 4 pcs. |
| Sand collecting channel | |
| 100/50/14 | = 23 pcs. |
| 112/50/14 | = 3 pcs. |
| End cap | = 4 pcs. |

Installation plan for long jump pit edging based on a pit with dimensions of 9.00 x 7.00 m.



SERVICE

ANRIN provides custom solutions and possibilities for sports facility construction. Here you benefit from reliable cooperation with our technical office staff and good contact with the field staff. ANRIN is certified according to DIN EN ISO 9001.

ANRIN DIRECT CONTACT: **+49 (0) 29 47.97 81-0**



**ANRIN SPORT Cable distributor shaft
for permanent and temporary cabling
of sport facilities**

- ① **Cable distributor shaft**
with steel frame, DA/OD 110/160 perforations
on all sides.
Cover made of galvanised steel for
customer-provided covering with
synthetic turf/synthetic coating
- ② **Cable distributor shaft**
with steel frame, DA/OD 110/160 perforations
on all sides.
Cover made of galvanised steel
as corrugated sheet



ANRIN SPORT cable distributor shafts organise permanent and temporary cabling of sport facilities. Connected to empty conduit below the track and playing field areas, it enables fault-free

operation of power, data and media networks. The shaft body made of resin concrete has a surrounding steel case and perforations for empty conduit on all sides. The open base is provided

with a drip packing. The cover has an installation panel to accommodate the plug connections and has an opening with cable tension relief.

ANRIN SPORT Cable distributor shaft

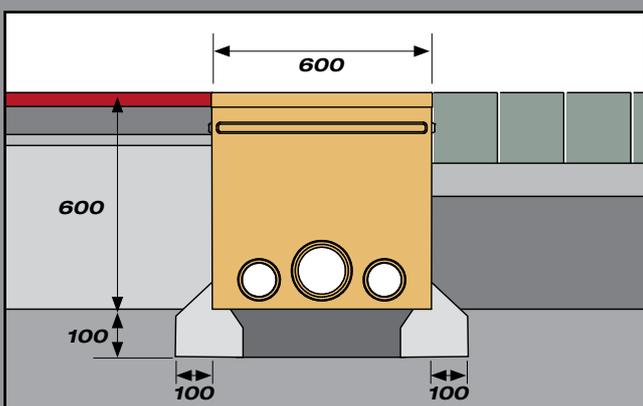
| | |
|---|---------------|
| Cable distributor shaft , without base, with steel frame and DA/OD 110/160 perforations on all sides | Item 04611000 |
| Cover for cable distributor shaft, galvanised steel, customer-provided covering | Item 04613010 |
| Cover for cable distributor shaft, galvanised steel, customer-provided covering | Item 04613020 |

| Specifications | Cable distributor shaft | Coatable cover | Corrugated sheet |
|----------------|-------------------------|------------------|------------------|
| Material | Resin concrete | Galvanised steel | Galvanised steel |
| Length | 60.0 cm | 60.0 cm | 60.0 cm |
| Width | 60.0 cm | 60.0 cm | 60.0 cm |
| Height | 60.0 cm | | |
| Weight | 57.0 kg | | |

Area of use

Permanent and temporary cabling of sport facilities

Example installation



ANRIN SPORT Cable distributor shaft

- Steel frame
- DA/OD 110/160 perforations on all sides
- Cover made of galvanised steel
 - as corrugated sheet
 - for customer-provided covering with synthetic turf / synthetic covering

SERVICE

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discover more.

*Whether you are already planning a specific project
or simply want to learn more about the
general possibilities: Put our expertise to the test
and contact us.*

ANRIN GmbH
Siemensstraße 1
D-59609 Anröchte
Tel.: +49 (0) 29 47.97 81-0
Fax: +49 (0) 29 47.97 81-50
Email: info@anrin.com
Internet: www.anrin.com

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