

# ANRIN

LEADING WATER



## Technical data sheet

Tray channel  
for sports arenas type C and D

# Technical data sheet

## ANRIN SPORT drainage system tray channel

### for sports arenas type C and D

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.

## Product specifications

Product 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

## Material properties

Channel / component body	
Polymer concrete	polyester resin-based with mineral aggregates, additives
Compressive strength	$\geq 90 \text{ N/mm}^2$
Bending tensile strength	$\geq 22 \text{ N/mm}^2$
Modulus of elasticity	ca. $25 \text{ kN/mm}^2$
Density	$2.1 - 2.3 \text{ g/dm}^3$
Heat resistance	100° C (permanent loading)
Frost resistance	- 50° C
Water penetration depth	0 mm
Water absorption	0.05 %
Sump unit channel cover	
Channel cover	OvalGrip plastic grating

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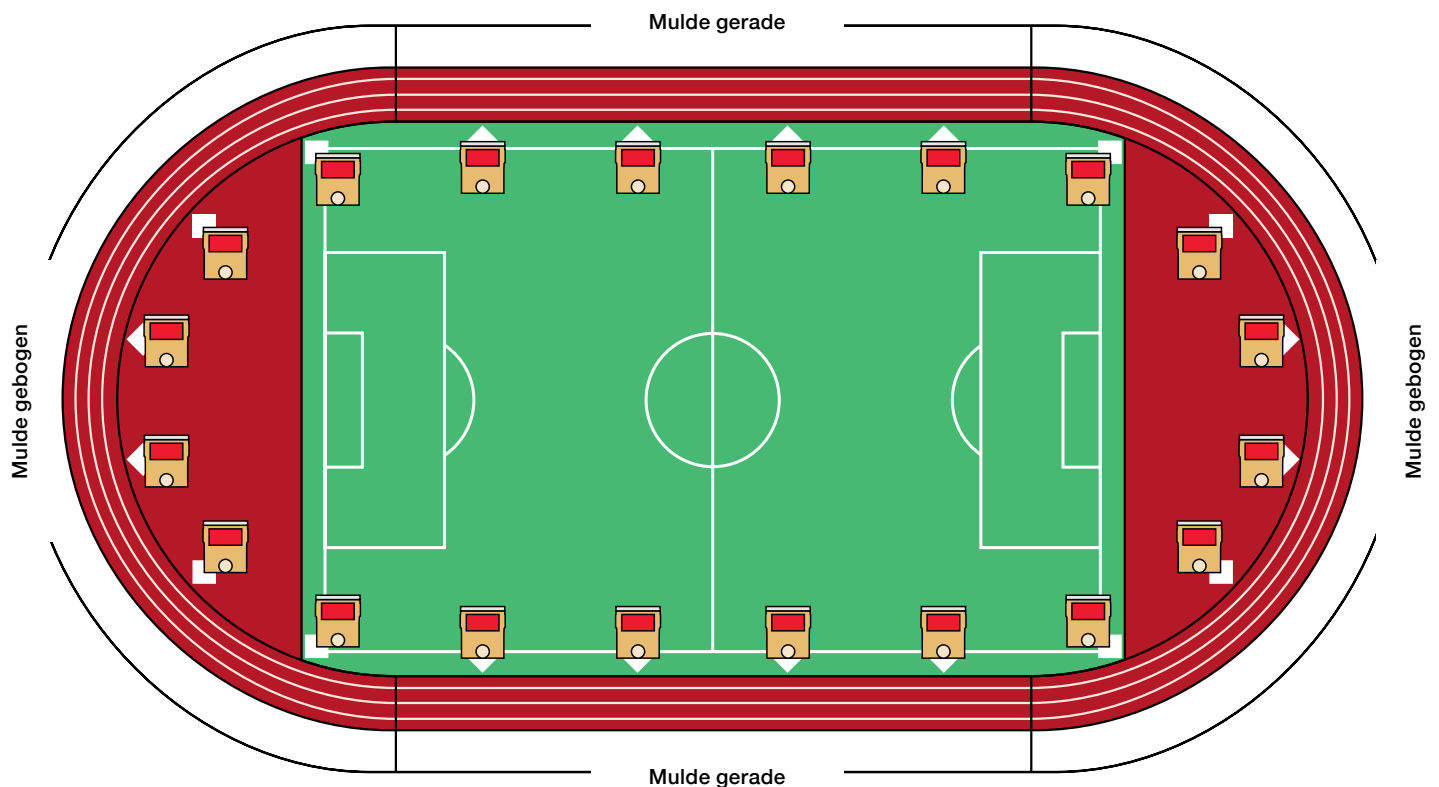
## Areas of application


### 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

## Channels and accessories

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
04211010	4026857026129	Tray channel type H7, straight	100	25.0	7.0	19.0
04212010	4026857026112	Tray channel type H7, curved	100	25.0	7.0	19.0
04215000	4026857026150	Sump unit for Tray channel H7	50	25.0	37.5	11.5
01004140	4026857021759	Grating, Compound, Cl. B125, OvalGrip Design, SW 8mm	50	12.3		1.2
04205020	4026857023951	Tray channel type H7, straight, polygonal	50	25.0	7.0	11.0

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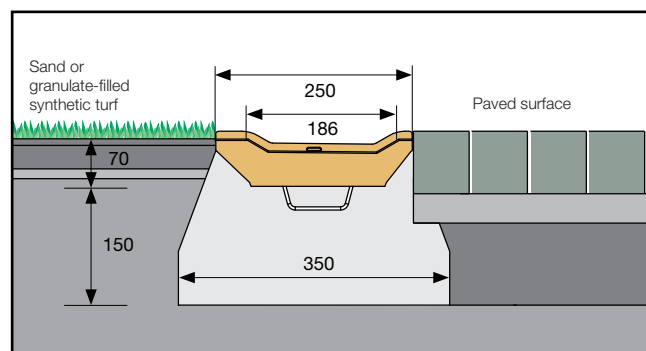
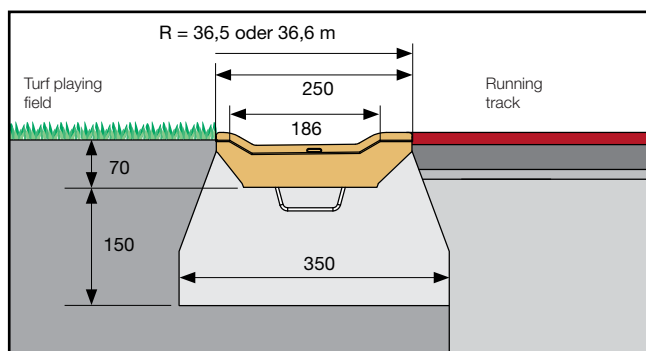
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#### Example installations

ANRIN is a competent and innovative partner for effective drainage engineering of sports grounds for more than 40 years. Pioneering systems, such as the screwless artificial turf jam, have been introduced and further developed by ANRIN. Arena drainage, track separation and edging of shotput or jump pits areas complete the ANRIN SPORT product range. All ANRIN SPORT components comply with IAAF regulations (International Amateur Athletic Federation) for tracks and playing fields as well as with DIN 18035 sports grounds, drainage.

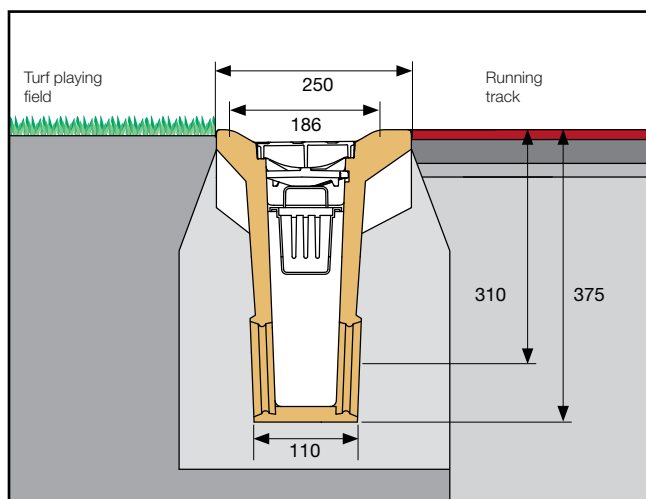
#### Example installations ANRIN SPORT drainage system tray channel



#### ANRIN SPORT

##### Tray channel

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



#### 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



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