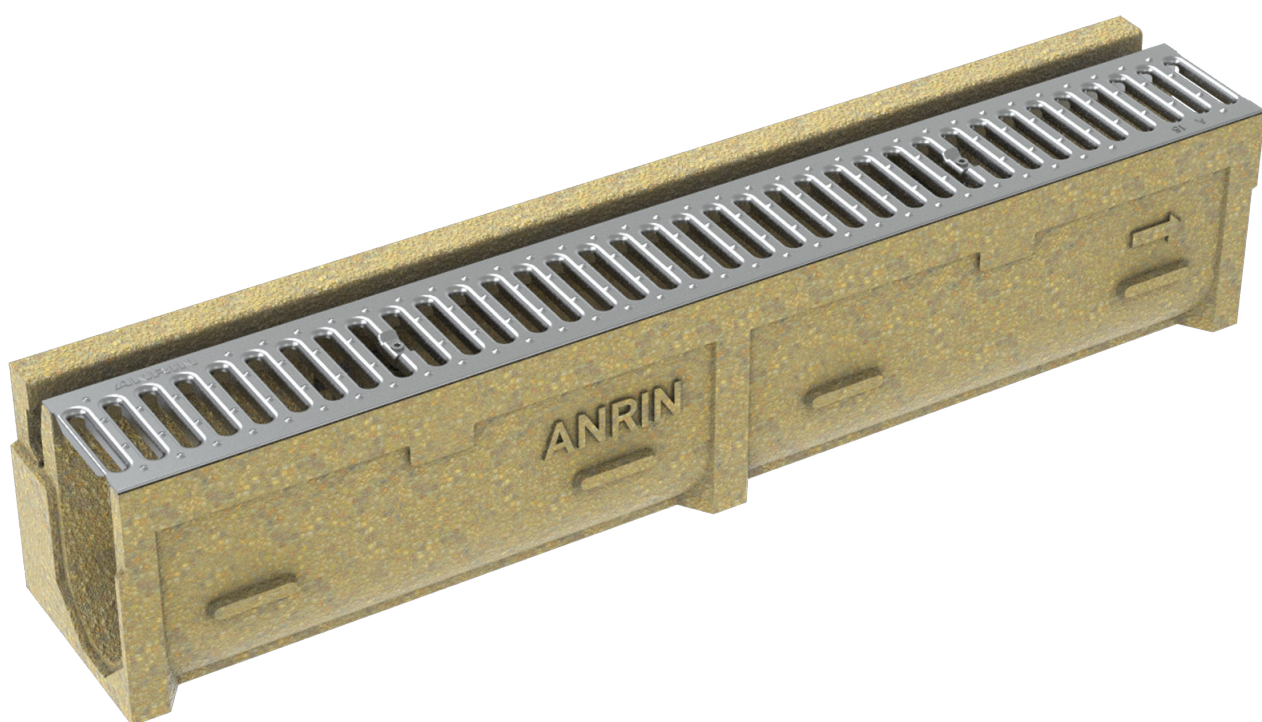


# ANRIN

LEADING WATER



## Technical data sheet

NW 100 synthetic turf  
for rectangular synthetic  
turffields

# Technical data sheet

## ANRIN SPORT drainage system NW 100 synthetic turf for rectangular synthetic turffield

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.

### Product specifications

Product 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	13.0cm
Height	20.0 cm	56.3 cm	
Weight	25.0 kg	27.5 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 %

Cover	
Cover	Galvanised steel

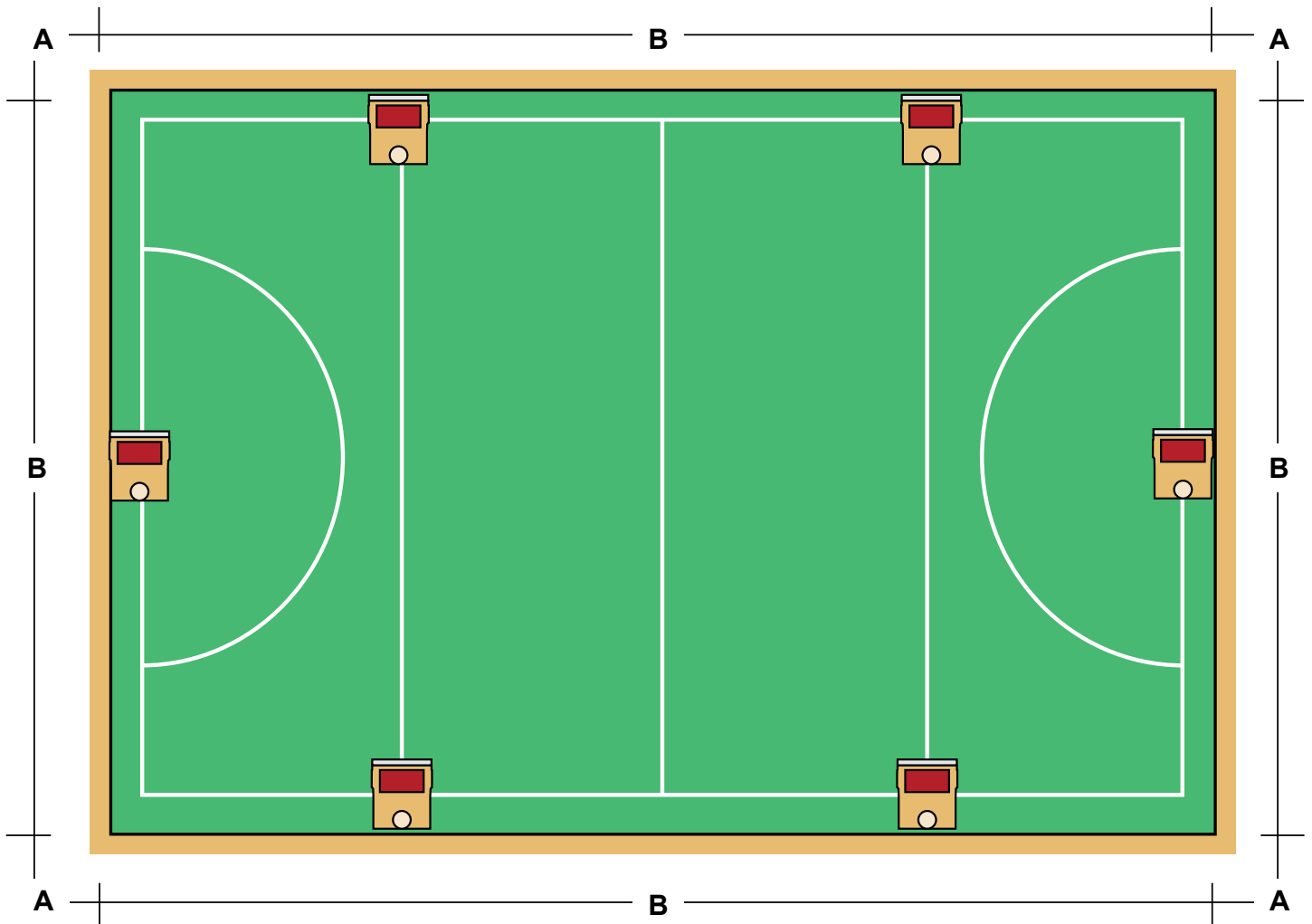
# Technical data sheet


ANRIN SPORT drainage system NW 100 synthetic turf  
for rectangular synthetic turffield

## Areas of application

### Areas of application

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



-  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

## Channels and accessories

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
04401001	4026857021094	Clamp channel NW 100, with grating cl. A and TwistLock fastening	100	18.8	20.0	25.0
04403001	4026857021117	Sump unit with grating cl. A with fastening	50	18.8	56.3	27.5

# Technical data sheet

## ANRIN SPORT drainage system NW 100 synthetic turf for rectangular synthetic turffields

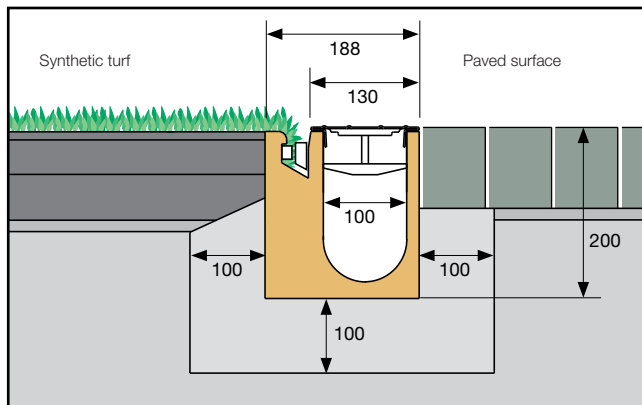
### Example installations

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 NW 100 synthetic turf



### 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 GmbH  
Siemensstr. 1  
59609 Anröchte  
Germany

+49 (0) 29 47.97 81-0  
[www.anrin.com](http://www.anrin.com)  
[info@anrin.com](mailto:info@anrin.com)