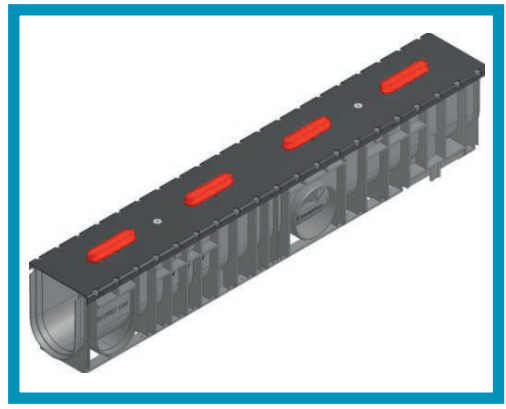
Drainage System

SPORTFIX Slotted Channel

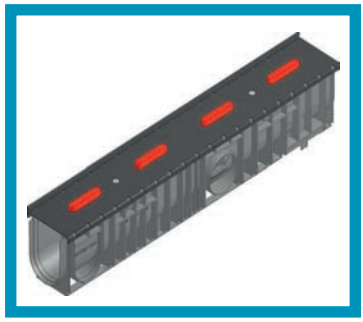


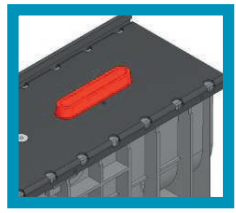
Slotted Channel SUPER

SPORTFIX Slotted Channel SUPER, nominal width 100, Weight : 5.8 kg

Order No. : HA 7810

SPORTFIX Slotted Channel SUPER with Upstand



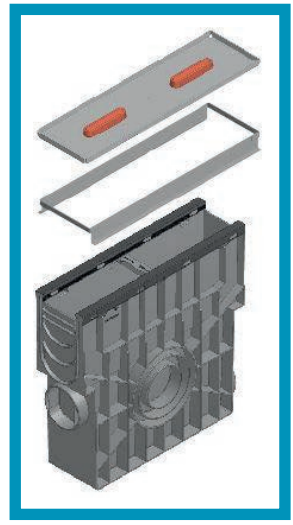


The upstand is used on the straight section with the lawn is connected to the channel.

SPORTFIX slotted channel SUPER with upstand, nominal width 100, Weight : 5.9 kg

Order No. : HA 7820

SPORTFIX Trash Box

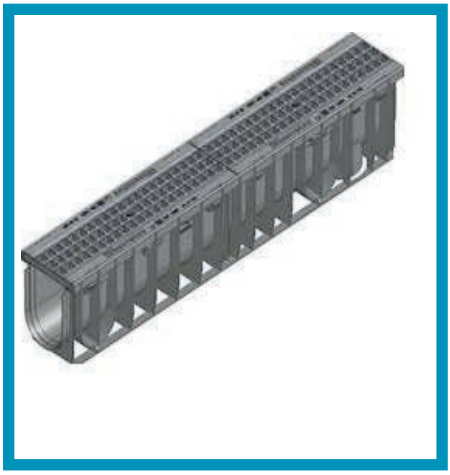


SPORTFIX Trash Box Type Order No. HA 7830
Access Cover Order No. HA 7785

Order No. : HA 7830 + 7785

*Subject to technical alterations

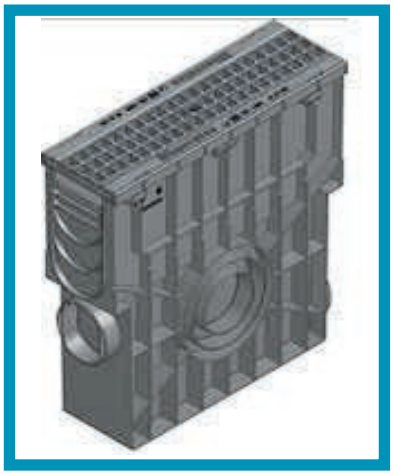
SPORTFIX PRO 100



SPORTFIX PRO 100 Type 010 Channel with GUGI- Grating made of PA-GF, MW 15/25, Black, cl. B 125,
Length 1m, locked, Weight : 4.655 kg

Order No. : HA 7510

SPORTFIX PRO 100 Trash Box



SPORTFIX PRO 100 Trash Box with mud bucket and GUGI-Grating made of PA-GF, MW 15/25, black, cl B 125, Length 0.5m, locked, Weight : 5.85 kg

Order No. : HA 7515

SPORTFIX Stand 100

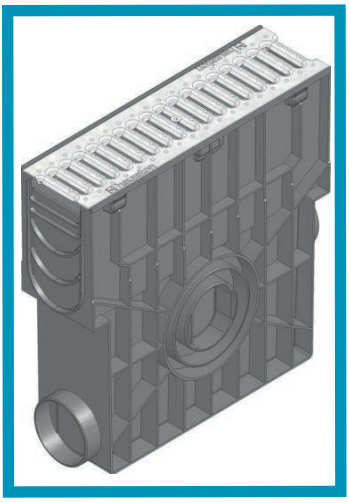
SPORTFIX STANDARD 100 Channel Type 010 with slotted grating, galvanised, trafficable, with locking device, length 1.0m, weight : 5.3 kg

Order No. : HA 7530

SPORTFIX STANDARD 100 Trash Box

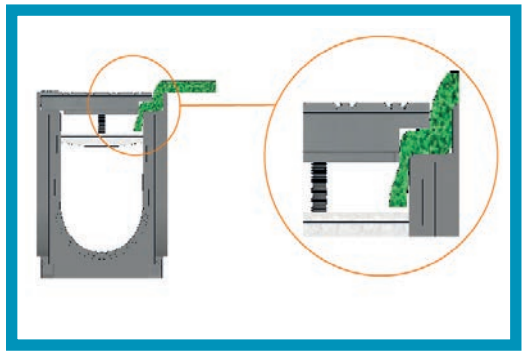
SPORTFIX STANDARD 100 Trash Box with plastic bucket and slotted grating, galvanised, trafficable, with locking device, length 0.5m, Weight : 5.2 kg

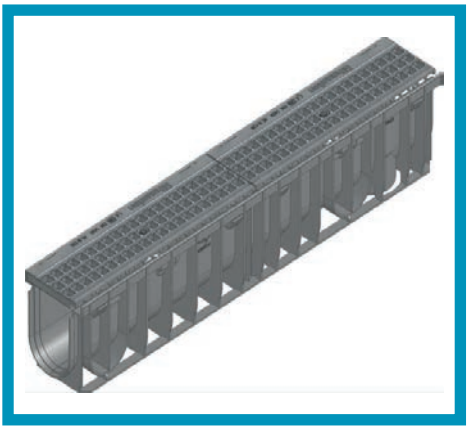
Order No. : HA 7535



*Subject to technical alterations

SPORTFIX Channel Type ROME

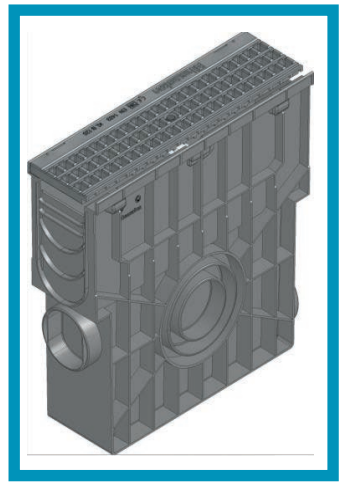




SPORTFIX Channel Type ROME

100 channel, type 010 SPORTFIX ROME I with GUGI_Grating
Made of PA-GF, for artificial turf from 3 to 15mm Height, Weight : 4.7 kg

Order No. : HA 7862



SPORTFIX ROME I Trash Box

Trash Box Type ROME with GUGI-Grating
Made of PA-GF, for artificial turf from 6 to 18mm Height, Weight : 5.4 kg

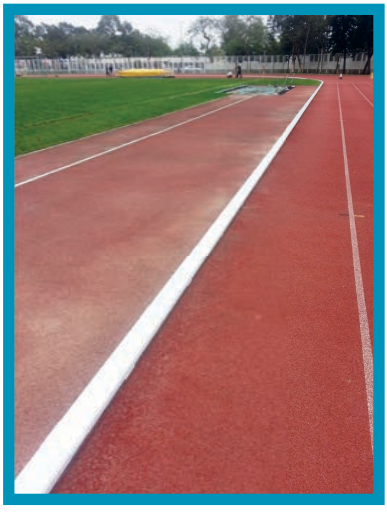
Order No. : HA 7870

*Subject to technical alterations

Drainage Cover “ALU”

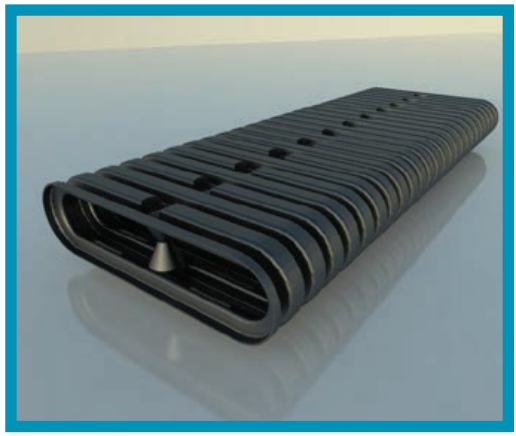
The drainage cover is made from aluminium. It measures a width of 160 mm and a total height of 50 mm. The cover is white powder coated. On the bottom side there are angles attached to fit in the drainage channel. The drainage cover complies with the regulations of the IAAF.

Order No	Decription	Colour	Usage	Measurement
30910	Drainage cover ALUTOP. Straight	Aluminium Surface	Open channel	160 x 40 x 1000 mm, Thickness 2mm
30920	Drainage cover ALUTOP. Straight	White Powder Coated	Open channel	143 x 40 x 1000 mm, Thickness 2mm
30930	Drainage cover ALUTOP. Straight	White Powder Coated	Open channel	143 x 40 x 1000 mm, Thickness 2mm
30940	Drainage cover ALUTOP. Straight	White Powder Coated	For slotted channel	160 x 40 x 1000 mm, Thickness 2mm
30950	Drainage cover ALUTOP. Straight	Aluminium Surface	For slotted channel	160 x 40 x 1000 mm, Thickness 2mm
30960	Drainage cover ALUTOP. Straight	Anodized Color	For slotted channel	160 x 40 x 1000 mm, Thickness 2mm
30970	Drainage cover ALUTOP. Straight	White Powder Coated	Open channel	143 x 40 x 1000 mm, Thickness 2mm



*Subject to technical alterations

AFN Plana 150



Plana 150, is probably the most effective and consistent sub-surface drainage solution.It uses perforated HDPE as its core and is wrapped **with geotextile for soil filtration.**

Performance

Powerful yet practical system, tested and proven to rapidly collect and remove water effectively. **Wide profile design provides up to twice ingress** capacity and discharge velocity, thus increases response time up to half as compared to traditional systems.

Cost Effectiveness

Slim cross-section greatly reduces depth required. **Significantly reduces installation cost due to trenchless drainage and much lesser backfill.**

Functions

Swift Drainage

Rapidly discharges excess water from sub-surface structures such as, roads, sports filed or retaining walls is the primary concern to long-term performance systems.
Plana 150 ensures impressive hydrodynamic stability even under adverse conditions with its unique penetration rate and fixed flow paths.

Accelerated Response Time

Maximizes consolidation of water with the wider profile to capture more water from subsurface structures.
Significantly reduces the down time due to stagnant waters especially on sports surfaces using Plana Pipe's expanded surface area of contact.

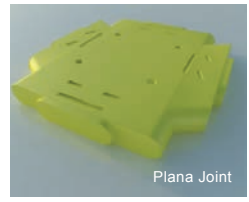
Structural Strength

Ribbed surfaces further enhance dimensional stability, rigidity and compression strength.
Able to be installed closer to the surface. Greatly reducing the cover depth required and installation time.

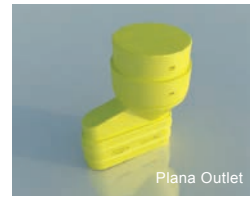
Components

Ergonnomically designed snap-on Plana 150 components are used to secure and maintain continuous sections of Plana 150 system for various application.

The only pipe needed for the whole project area.



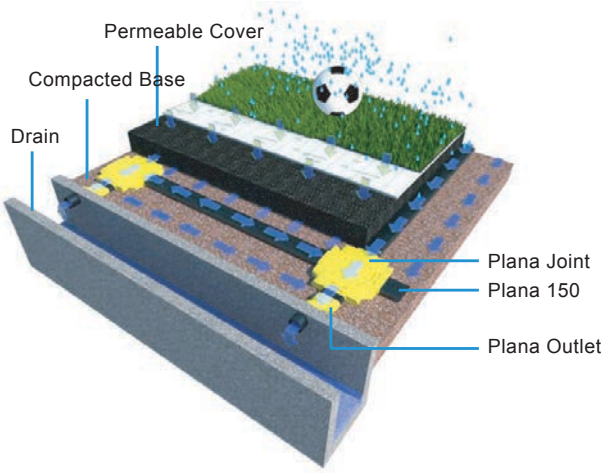
Easily connect intersections.



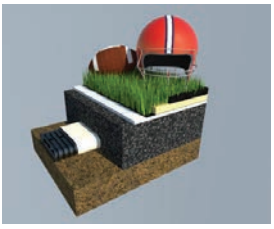
Seamlessly discharge water into surrounding drains.

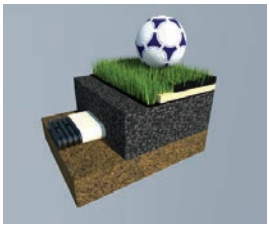
*Subject to technical alterations

Structure Drawing



Sports Field





Applications

- Roadside Edge Drains
- Retaining Walls
- Landfills
- Sports Fields
- Landscaping Fields
- Mining
- Golf Course

Features

- Manufactured by High Density Polyethylene (HDPE)
- Fast installation, saves time
- Snap on accessories

Benefits

- Highly durable for long term use
- Cost reduction
- Narrow or trenchless installation
- Consistent and high outflow velocity

Technical Data

Properties	Specifications	Unit	Standard
Pipe Width	158	mm	ASTM D2122
Pipe Length	100	m	ASTM D2122
Pipe Height	42	mm	ASTM D2122
Slot Size	3.0 × 25	mm x mm	ASTM D2122
Horizontal Compressive Strength	> 200	kPa	ASTM D2412
Vertical Stiffness (@5% deflection)	> 1000	kN/m^2	AS2439

Economical
Narrow or trenchless system with lower profile and snap on capability.Significantly reduces installation time and costs required.

High Compressive Strength
High resistance to vertical compression.Closer installation to the surface and reducing the costs for excavation and dumping of soil.

Boosts Performance
Increased flow velocity and consistency with the cover of geotextile.Raises and maintains optimum response speed, reducing down time despite soil's vertical stresses.

*Subject to technical alterations