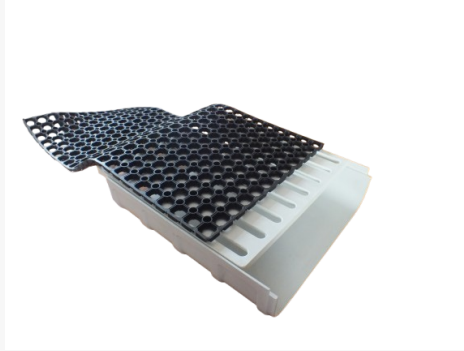


SAND TRAP DRAINAGE CHANNEL

SFS Sand Trap Channel

SKU: SFS-SAND-TRAP



Composite drainage and sand catching system developed for the edges of long jump and triple jump sand pits. While clarifying the separation between the synthetic surface and the sand pit, it traps splashed sand in its special chamber, preventing the main drainage line from clogging. With its removable composite superstructure, sand removal and cleaning are highly practical.

MATERIAL

COMPOSITE

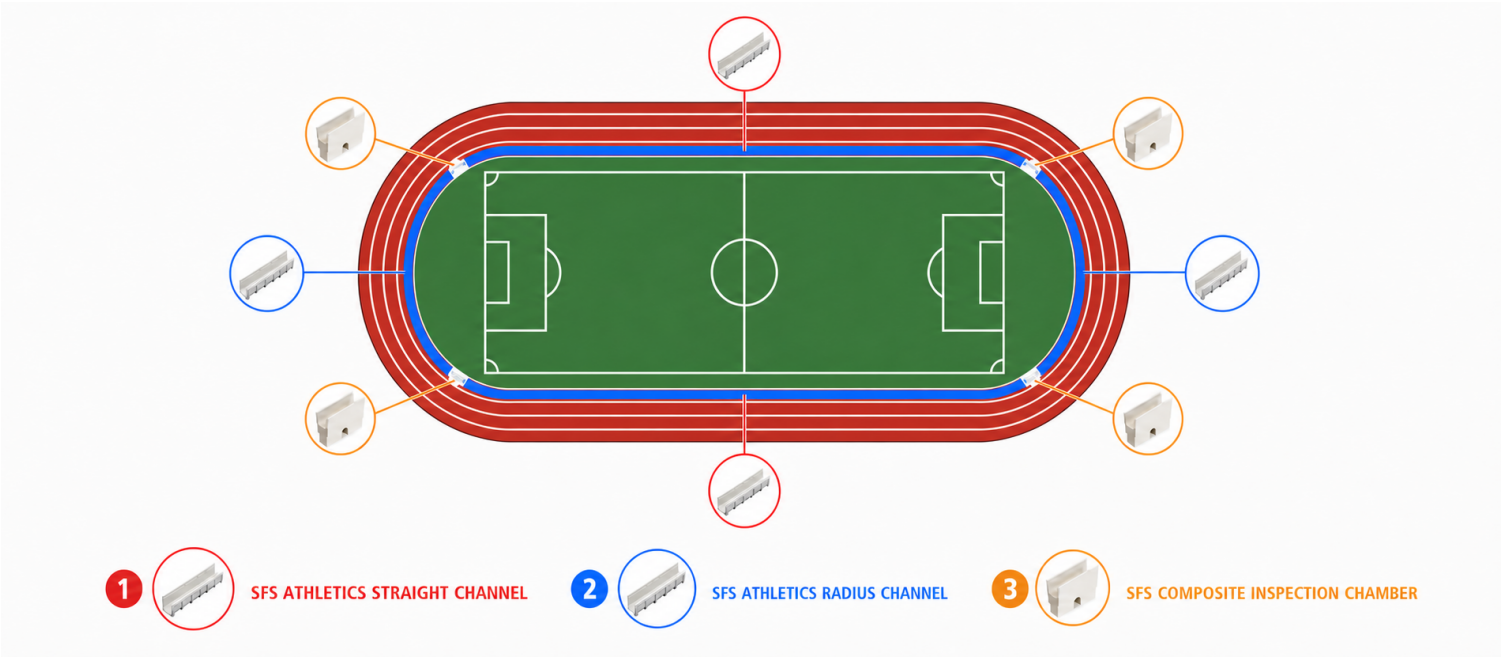
INTERNAL WIDTH

Sand pit edge

CERTIFICATION

World Athletics Approvedsfsdrain.com

TECHNICAL DATA SHEET - SFS-SAND-TRAP



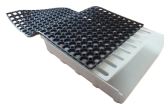
400m STANDARD TRACK	NW 125 INTERNAL WIDTH	COMPOSITE MATERIAL	WORLD ATHLETICS APPROVED
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KEY PRODUCT FEATURES

- ✓ World Athletics Approved
- ✓ Composite material
- ✓ NW 125 internal width
- ✓ 1000 mm unit length

SYSTEM OVERVIEW

The SFS Athletics Drainage System is an integrated water management solution designed for standard 400 m athletics tracks. Straight channel, radius channel, covers and inspection chamber components work together to efficiently remove surface water from the track.



PRODUCT

PRODUCT	VALUE
SKU	SFS-SAND-TRAP
CATEGORY	Sand Trap Drainage Channel
MATERIAL	COMPOSITE
INTERNAL WIDTH	Sand pit edge
DRAINAGE ROLE	Project based
UNIT DIMENSIONS	Length 1000 mm · Width 160 mm · Height 200 mm
UNIT WEIGHT	4.1 kg / unit (channel) · 3.85 kg (grate) · 2.3 kg (mat)
WORKING TEMP.	-30°C / +80°C
SURFACE FINISH	UV-stable composite
STANDARD	EN 1433 / World Athletics TR
CERTIFICATION	World Athletics Approved

AREAS OF APPLICATION

- Long jump and triple jump sand pit edge drainage
- High jump landing area perimeter where sand and water control is needed
- Any sand pit edge requiring combined drainage and sand retention
- Used with removable grate or side cover depending on the project detail

TECHNICAL DRAWING FILES (DXF)

DRAWING	FILE NAME
Sand Trap Channel	sfs-sand-trap-channel.dxf
Sand Trap Grate	sfs-sand-trap-grate.dxf
Sand Trap Side Cover	sfs-sand-trap-side-cover.dxf

Download DXF files from the product page at sfsdrain.com

MATERIAL PROPERTIES

PROPERTY	VALUE
Density	2.1 - 2.3 g/cm³
Heat Resistance	100°C (continuous load)
Frost Resistance	-50°C
Water Penetration	0 mm
Water Absorption	0.05%

COMPLEMENTARY PRODUCTS

SFS Athletics
Straight Channel
SFS-ATH-STR

SFS Composite Inspection Chamber
SFS-ROGAR

SFS Soft-Head Kerb
SFS-KERB-SOFT

INSTALLATION OVERVIEW

#	STEP	DESCRIPTION
01	Position Planning	Place the channel at the sand pit edge as shown in the drawing. The channel top must be flush with or slightly above the sand pit level.
02	Trench Preparation	Excavate trench to required depth. Compact base with C20/25 concrete min. 100 mm. Ensure drainage slope towards the outlet point.
03	Channel Placement	Place channel units end-to-end. Align carefully with the sand pit edge. Confirm invert levels before haunching.
04	Grate & Cover Fitting	Fit the sand trap grate or side cover as specified. The removable grate allows easy cleaning to remove accumulated sand.
05	Final Inspection	Confirm grate is seated and can be removed for maintenance. Check outlet connection. Verify channel is clear before closing the pit.

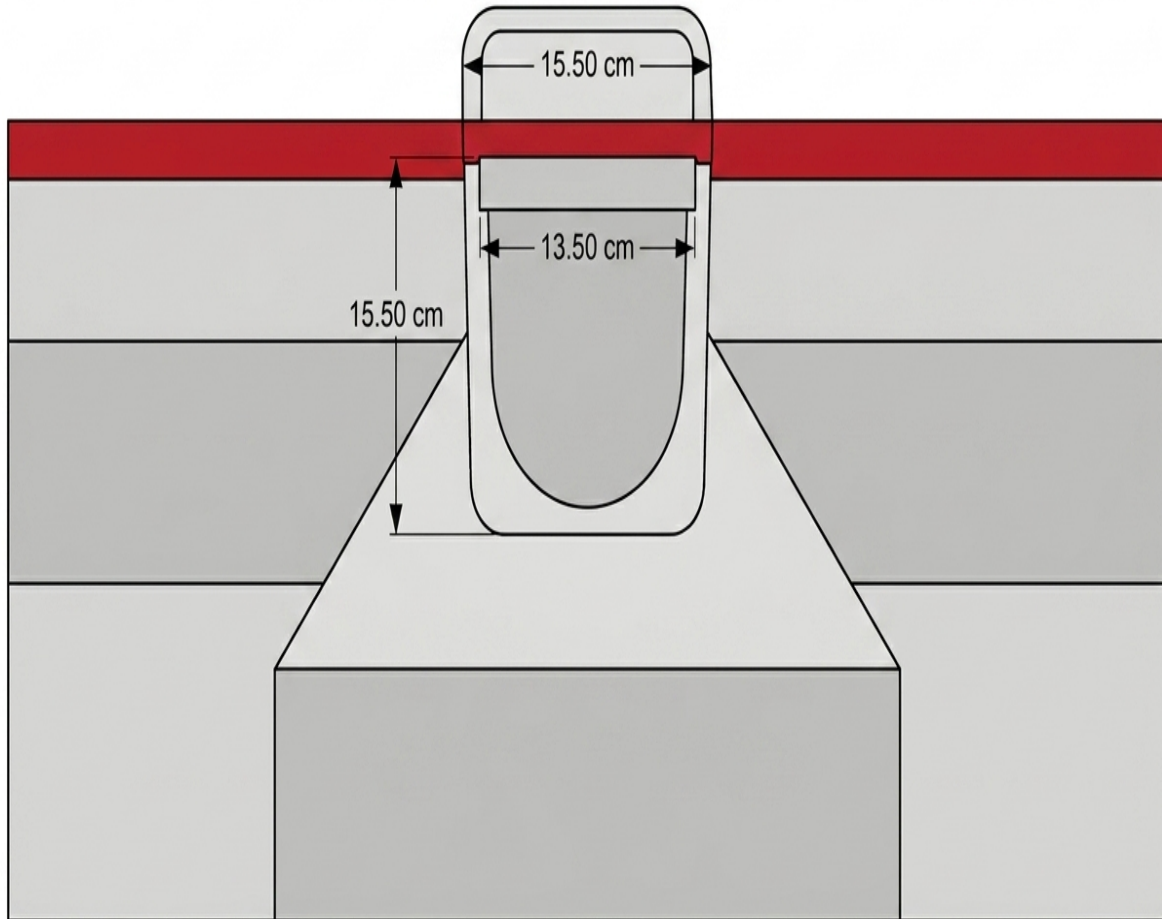
IMPORTANT NOTES & REQUIREMENTS

- › Do not backfill until concrete haunching has cured (min. 24 h).
 - › Cover type must match the surface coating thickness.
 - › Minimum slope: 0.5% towards the outlet connection.
- › All drainage connections must be watertight.
 - › Install in conformance with World Athletics Technical Regulations.
 - › Refer to the installation diagram pages that follow.

 SFS DRAIN ATHLETICS TRACK DRAINAGE SOLUTIONS World Athletics approved composite drainage systems. Reliable water management for athletics tracks.	WEBSITE sfsdrain.com E-MAIL info@sfsdrain.com CERTIFICATION World Athletics Approved
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INSTALLATION DIAGRAM 1 / 1

Sand Trap Channel Installation - Cross Section



Sand trap channel at long jump pit edge. Channel top flush with sand pit level. Removable grate allows sand cleaning.