

COVER DETAILS

SFS Athletics Straight Top Cover

SKU: SFS-ATH-STR-TOP



Removable composite top cover (grating) developed for straight drainage channels. Its specialized slip-resistant profile design ensures maximum grip and safety for athletes. In addition to having a high hydraulic capacity, it is a lightweight and durable solution that greatly simplifies maintenance and cleaning procedures due to its composite structure.

MATERIAL

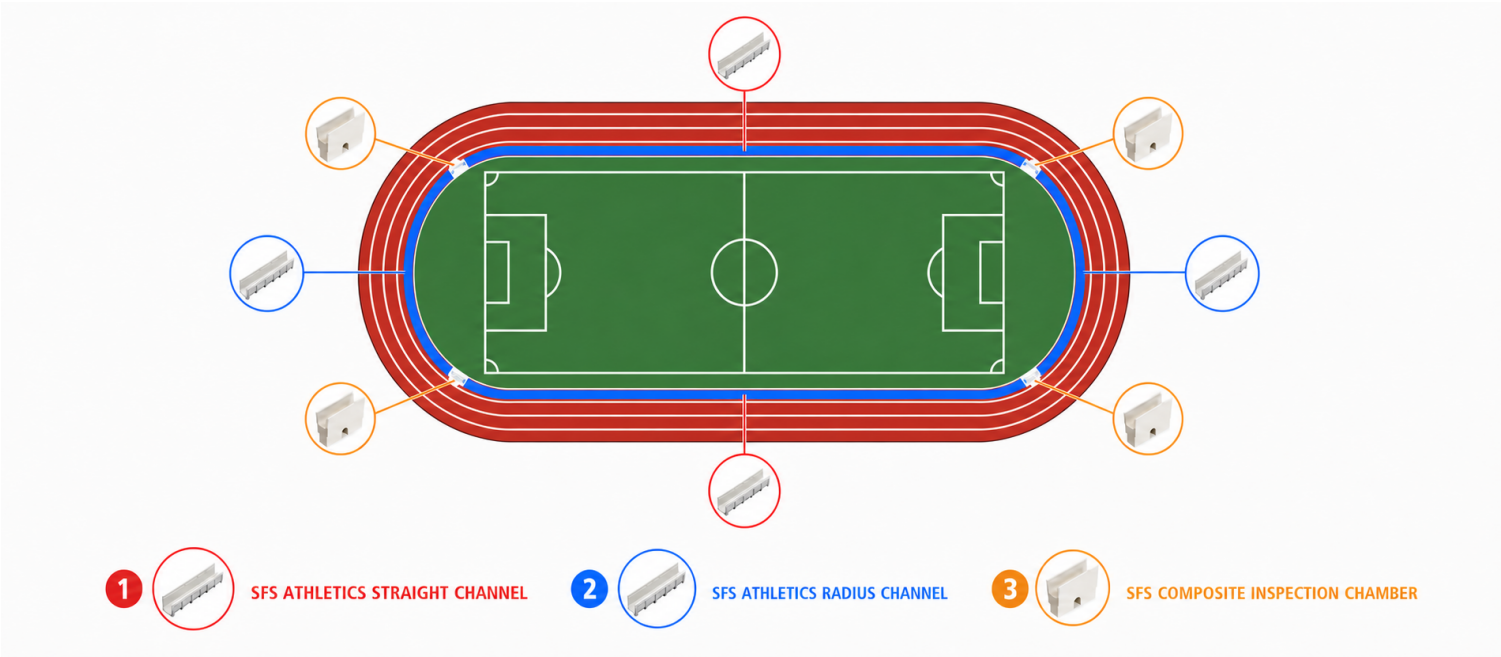
COMPOSITE

INTERNAL WIDTH

Fits Straight Channel

CERTIFICATION

World Athletics Approved



400_m 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-ATH-STR-TOP
CATEGORY	Cover Details
MATERIAL	COMPOSITE
INTERNAL WIDTH	Fits Straight Channel
DRAINAGE ROLE	-
UNIT DIMENSIONS	Length 1000 mm · Width 125 mm · Height 8 mm (flat top, straight profile)
UNIT WEIGHT	2.9 kg / unit
WORKING TEMP.	-30°C / +80°C
SURFACE FINISH	UV-stable composite
STANDARD	EN 1433 / World Athletics TR
CERTIFICATION	World Athletics Approved

AREAS OF APPLICATION

- Top (flat) cover for straight drainage channels on athletics track straight sections
- Used where a completely flush, flat surface profile is required on straight runs
- World Athletics approved flush-fit cover for straight sections
- Used with SFS Athletics Straight Channel (SFS-ATH-STR)

TECHNICAL DRAWING FILES (DXF)

DRAWING	FILE NAME
Straight Top Cover	sfs-straight-top-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



Straight Middle Cover
SFS-ATH-STR-MID



SFS Composite Inspection Chamber
SFS-ROGAR

INSTALLATION OVERVIEW

#	STEP	DESCRIPTION
01	Surface Preparation	Confirm the straight channel haunching is cured and the track surface is fully applied. Clean the channel rebate before cover installation.
02	Cover Placement	Drop the top cover units into the channel rebate in sequence. The flat top surface must be flush with the finished track - zero tolerance for proud edges.
03	Seating Check	Verify each cover sits flat with no tilt. Use a straightedge across the cover to the adjacent track surface to confirm flush level.
04	Final Inspection	Inspect the complete cover run. Every unit must be flush, firmly seated, and undamaged. Confirm no gaps at joints between cover units.

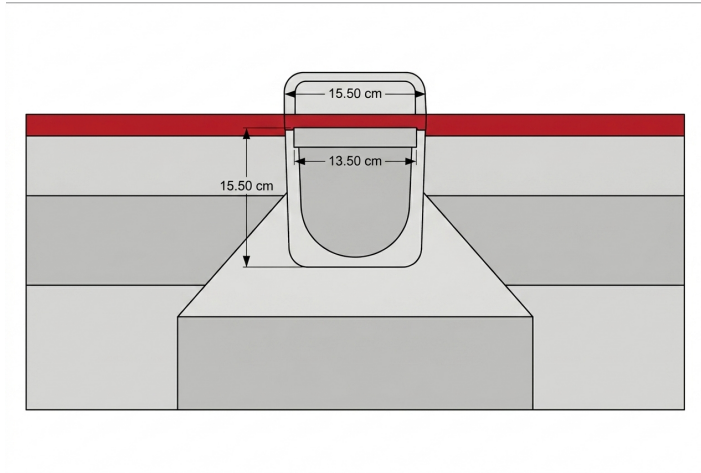
IMPORTANT NOTES & REQUIREMENTS	
› Do not backfill until concrete haunching has cured (min. 24 h). › Cover type must match the surface coating thickness. › Minimum slope: 0.5% towards the outlet connection.	› All drainage connections must be watertight. › Install in conformance with World Athletics Technical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

SFS MÜHENDİSLİK 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

EXAMPLE INSTALLATIONS

Example Installations

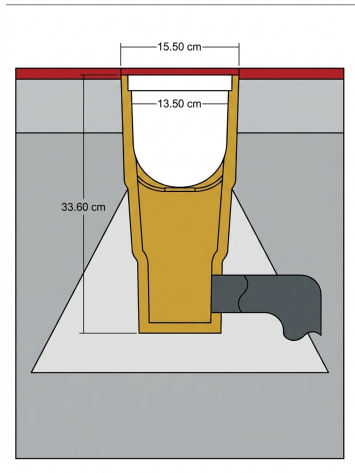
SFS Drain manufactures fully composite drainage systems for standard 400 m athletics tracks. The cross sections below show typical installation layouts for the SFS channel and inspection chamber components.



SFS DRAIN

Channel Installation - Track Level

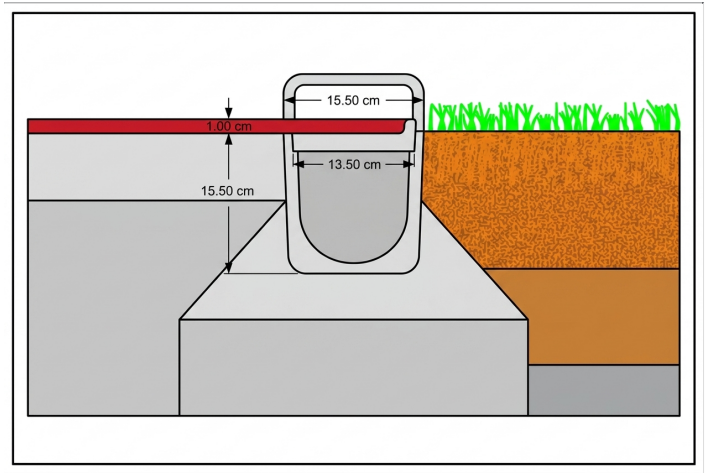
- Composite drainage channel
- Flush with track surface



SFS DRAIN

Inspection Chamber Installation - Track Level

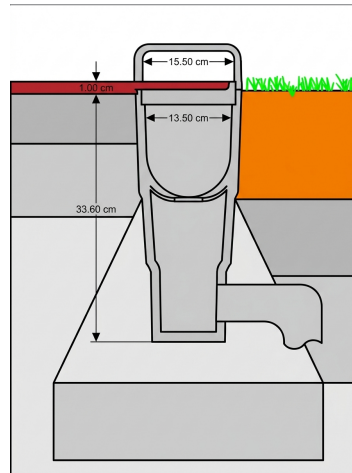
- Composite inspection chamber
- Underground pipe connection



SFS DRAIN

Channel Installation - Field Edge

- Composite drainage channel
- D-sector layout



SFS DRAIN

Inspection Chamber Installation - Field Edge

- Composite inspection chamber
- D-sector layout