

COVER DETAILS

SFS Athletics Radius Top Cover

SKU: SFS-ATH-RAD-TOP



Composite top cover specially manufactured for the curved geometry of track bends. By perfectly interlocking with radius channel bodies, it ensures the rapid drainage of water in curved areas. Its entirely composite structure keeps athlete safety in focus by completely eliminating the rust and tripping risks that metal parts might cause.

MATERIAL

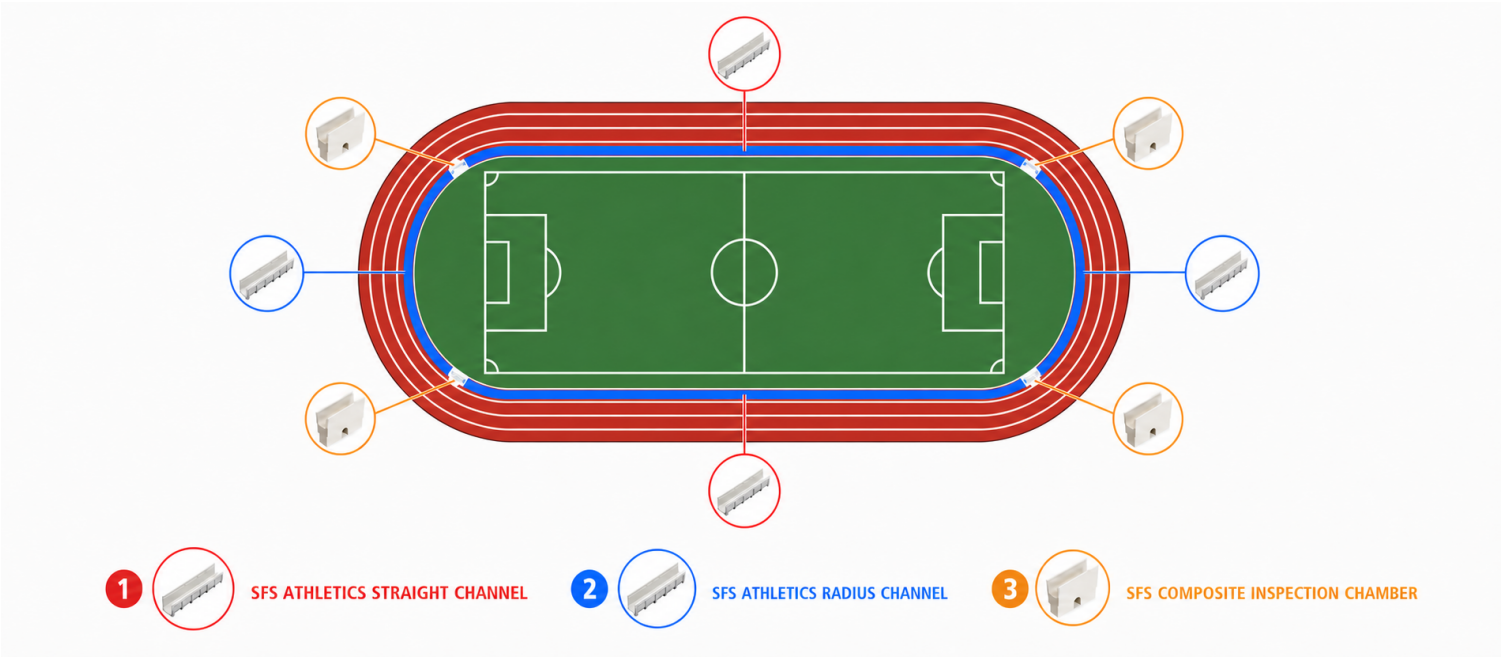
COMPOSITE

INTERNAL WIDTH

Fits Radius 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-RAD-TOP
CATEGORY	Cover Details
MATERIAL	COMPOSITE
INTERNAL WIDTH	Fits Radius Channel
DRAINAGE ROLE	-
UNIT DIMENSIONS	Length 1000 mm · Width 125 mm · Height 8 mm (flat top, radius 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 radius drainage channels on athletics track curves
- Used where a completely flush surface profile is required on curved sections
- World Athletics approved surface flush-fit cover for bends
- Used with SFS Athletics Radius Channel (SFS-ATH-RAD)

TECHNICAL DRAWING FILES (DXF)

DRAWING	FILE NAME
Radius Top Cover	sfs-radius-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



Radius Channel
SFS-ATH-RAD



Radius Middle Cover
SFS-ATH-RAD-MID



SFS Composite Inspection Chamber
SFS-ROGAR

INSTALLATION OVERVIEW

#	STEP	DESCRIPTION
01	Surface Preparation	Ensure the track surface is fully cured and the channel rebate is clean. The top cover is installed as the final step after surface application.
02	Cover Placement	Position the radius top cover in the channel rebate following the curve. The flat top surface must sit level with the track surface - no proud edges.
03	Seating Check	Press the cover firmly into the rebate. Check there is no rocking or height variation along the cover unit. Run a straightedge across to verify flush.
04	Final Inspection	Walk the full radius run. Confirm every cover unit is flush, stable, and free of damage. Verify end-to-end joint continuity.

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

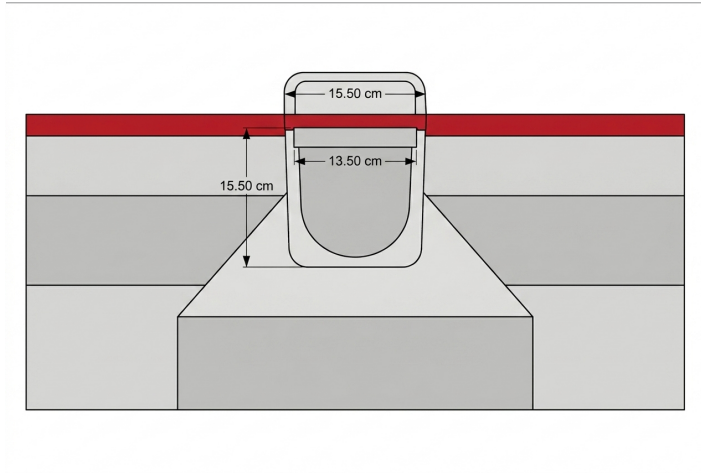
CERTIFICATION

World Athletics Approved

EXAMPLE INSTALLATIONS

Example Installations

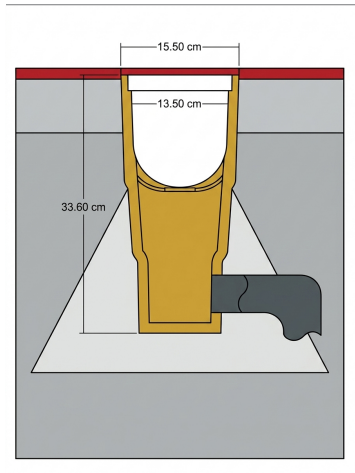
SFS Drain manufactures fully composite drainage systems for standard 400 m athletics tracks. The cross sections below show typical installation layouts for the SFS channel and inspection chamber components.



SFS DRAIN

Channel Installation - Track Level

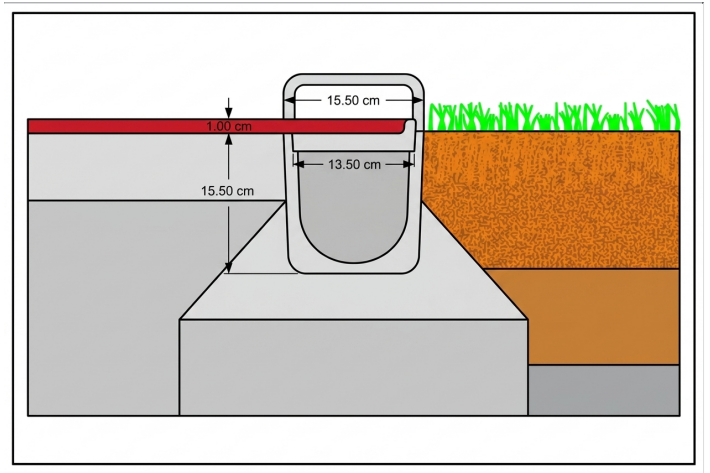
- Composite drainage channel
- Flush with track surface



SFS DRAIN

Inspection Chamber Installation - Track Level

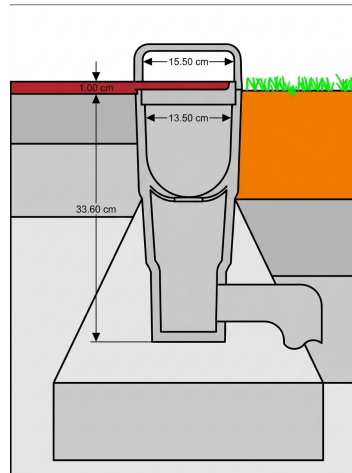
- Composite inspection chamber
- Underground pipe connection



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