

COVER DETAILS

SFS Athletics Radius Middle Cover

SKU: SFS-ATH-RAD-MID



Specially formulated composite middle cover for radius drainage channels. It offers a seamless integration with the synthetic surface coating on the curved areas of the track. Creating an invisible drainage line for athletes, it is highly resistant to heavy loads and impacts thanks to the structural stability provided by the composite material.

MATERIAL

COMPOSITE

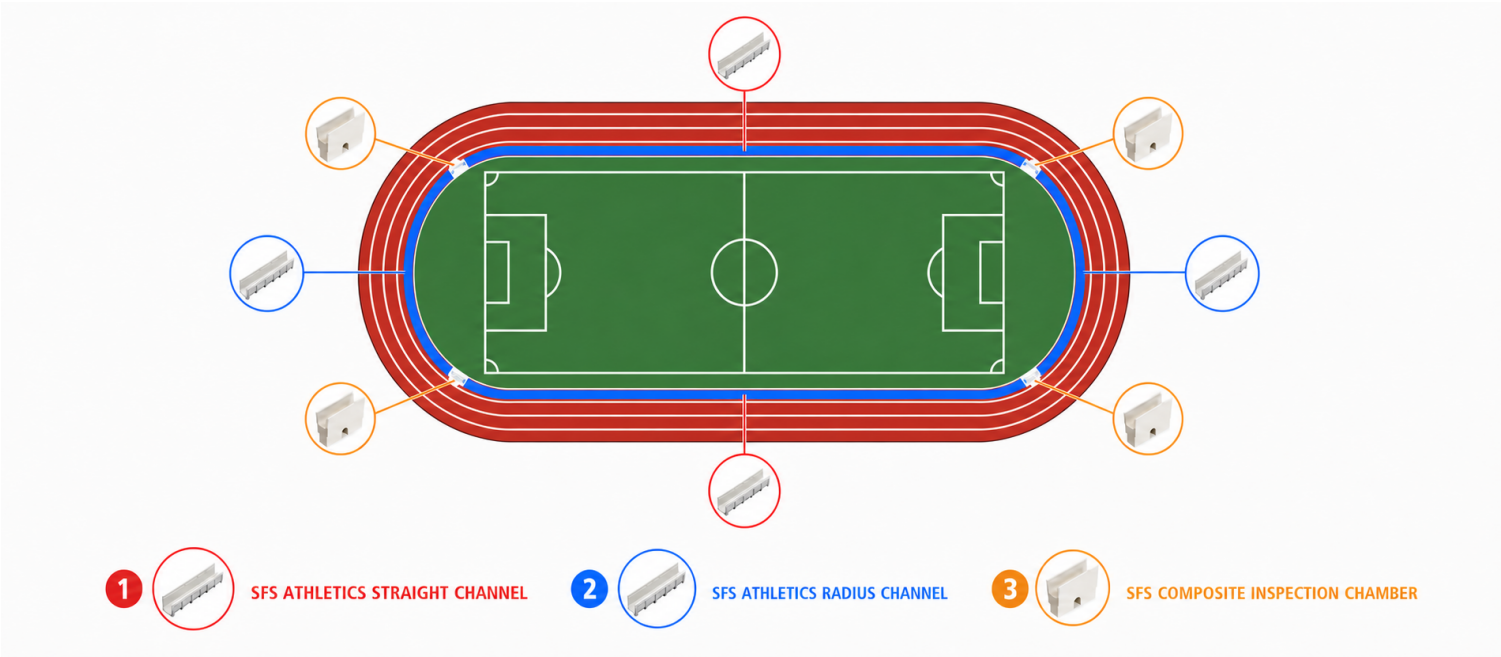
INTERNAL WIDTH

Fits Radius Channel

CERTIFICATION

World Athletics Approvedsfsdrain.com

TECHNICAL DATA SHEET - SFS-ATH-RAD-MID



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-MID
CATEGORY	Cover Details
MATERIAL	COMPOSITE
INTERNAL WIDTH	Fits Radius Channel
DRAINAGE ROLE	-
UNIT DIMENSIONS	Length 1000 mm · Width 125 mm · Height 10 mm (radius profile)
UNIT WEIGHT	2 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

- Covers for radius drainage channels on athletics track curved sections
- Middle (raised centre) cover profile for yay channel bodies
- Standard 400 m athletics track bends - R = 36.5 m
- Used with SFS Athletics Radius Channel (SFS-ATH-RAD)

TECHNICAL DRAWING FILES (DXF)

DRAWING	FILE NAME
Radius Raised Center Cover	sfs-radius-raised-center-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
Radius Channel
SFS-ATH-RAD



Radius Top Cover
SFS-ATH-RAD-TOP



SFS Composite Inspection Chamber
SFS-ROGAR

INSTALLATION OVERVIEW

#	STEP	DESCRIPTION
01	Surface Preparation	Ensure the channel body is fully haunched and the track surface coating has been applied. Clean the channel rebate before fitting the cover.
02	Cover Placement	Locate the radius middle cover into the channel rebate. Align with the curve geometry. Confirm the raised centre sits flush with the finished track surface.
03	Seating Check	Check the full length of each cover unit sits evenly in the rebate with no rocking. Tap firmly into position if required.
04	Final Inspection	Inspect the full cover run along the curve. Confirm flush level with the track surface. Report any gaps or misalignment before track surface is handed over.

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

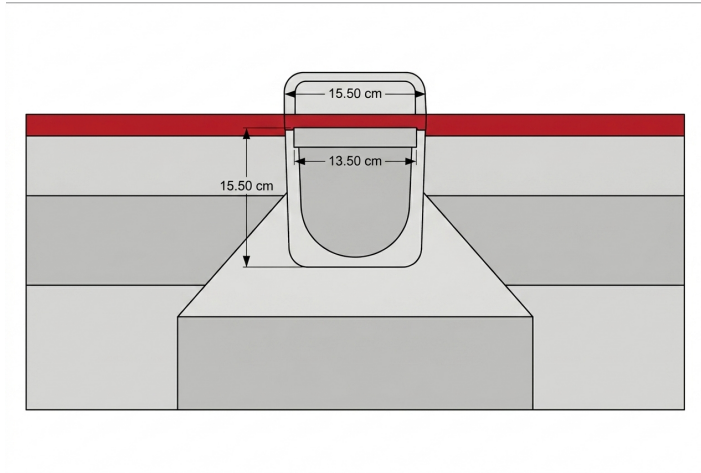
CERTIFICATION

World Athletics Approved

EXAMPLE INSTALLATIONS

Example Installations

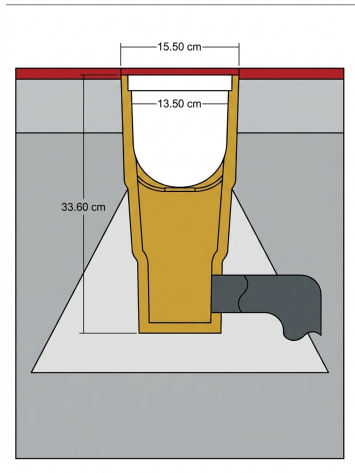
SFS Drain manufactures fully composite drainage systems for standard 400 m athletics tracks. The cross sections below show typical installation layouts for the SFS channel and inspection chamber components.



SFS DRAIN

Channel Installation - Track Level

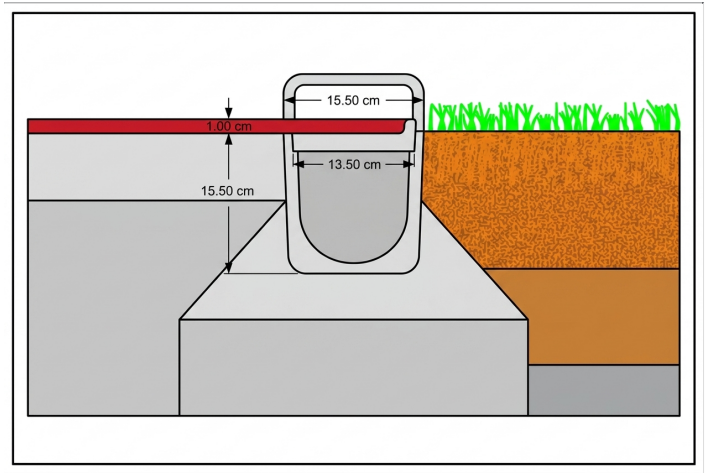
- Composite drainage channel
- Flush with track surface



SFS DRAIN

Inspection Chamber Installation - Track Level

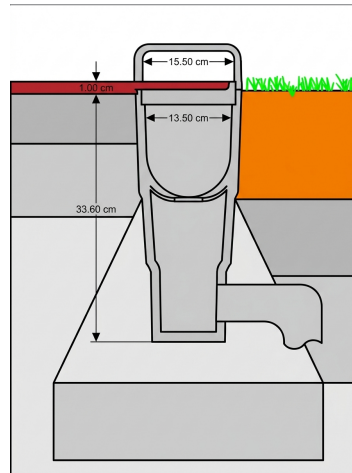
- Composite inspection chamber
- Underground pipe connection



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