

SOPRADRAIN™ TD

Dual-Composite Perimeter Strip Drain System



APPLICATIONS

WATERPROOFING

PRODUCT DATA SHEET PDS10335 - REV 240628

PRODUCT NUMBERS:

- W890 - **SOPRADRAIN TD** -
12 in x 1 in x 165 ft (30 cm x 2.54 cm x 50.29 m) - Roll
- W891 - **SOPRADRAIN TD END OUTLET** -
12 x 4 x 1 in (30 x 10.2 x 2.5 cm) - 10/box
- W892 - **SOPRADRAIN TD SIDE OUTLET** -
12 x 12 x 1 in (30 x 30 x 2.54 cm) - 10/box
- W893 - **SOPRADRAIN TD SPLICE** -
12 x 12 x 1 in (30 x 30 x 2.54 cm) - 10/box
- W894 - **SOPRADRAIN TD CORNER** -
12 x 6 x 1 in (30 x 15 x 2.54 cm) - 10/box

DESCRIPTION & FEATURES:

SOPRADRAIN TD is a 12 in wide by 1 in tall, high flow capacity polypropylene drainage core wrapped with a non-woven filter fabric used to collect and remove ground water away from building foundation walls. **SOPRADRAIN TD**, along with the SOPRADRAIN SIDE and END OUTLETS is a complete perimeter drainage system that is easy to install in even the largest conventional back-filled and blindside waterproofing applications.

SOPRADRAIN TD is also used as trench drainage in golf courses and athletic fields, landscaping, and around parking lots and road perimeters.

- High flow capacity
- Can be installed in any weather
- Easy installation
- Eliminates 4 in round drainpipes and aggregate
- Made in the USA

ACCESSORIES:

SOPRADRAIN TD is typically installed in conjunction with SOPRADRAIN 100 series drainage products such as SOPRADRAIN 100, 102, 102PF, 104 and 104PF.

APPLICATION:

Unroll and install **SOPRADRAIN TD** along the base of foundation walls or lagging using SOPRADRAIN TD SPLICES and SOPRADRAIN TD CORNERS to keep the system continuous and attach to the wall or lagging with fasteners and washers. Use SOPRADRAIN TD SIDE and END OUTLETS where needed to transition to conventional 4 in drainpipes.

On concrete substrates, use mechanical fasteners such as nails or powder actuated fasteners and washers. On waterproofing substrates, use construction adhesives that are compatible with the waterproofing membrane. The closed end of the dimples with filter fabric always faces the backfill/soil.

SOPRADRAIN TD is installed below SOPRADRAIN 100 series products to complete the drainage system. All panels are butted, and the filter fabric shingled. All factory edges and cut edges should be covered with filter fabric either by overlapping edge or covering with excess fabric.

Place backfill as soon as possible and should extend at least 6 in over the top of drainage.

Refer to SOPREMA's published installation guidelines for additional applications and guidance.

LIMITATIONS:

Do not leave uninstalled rolls exposed to sunlight
Installed rolls should be covered within 7 days

STORAGE:

Store original, unopened boxes and rolls in a dry area and keep out of sunlight.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

SOPRADRAIN™ TD

Dual-Composite Perimeter Strip Drain System

PRODUCT DATA SHEET PDS10335 - REV 240628



APPLICATIONS

WATERPROOFING

TECHNICAL INFORMATION & TESTING:

DRAINAGE CORE		
PROPERTY	VALUE	TEST METHOD
Material	Polypropylene	-
Thickness, in (cm)	1 (2.54)	ASTM D1777
Compressive strength, psl (kN/m²)	9,500 (1,455)	ASTM D1621
Flow capacity,* gpm (lpm/m)	30 (372)	ASTM D4716

*Hydraulic gradient = 1

FILTER FABRIC		
PROPERTY	VALUE	TEST METHOD
Material	Non-woven polypropylene	-
Tensile strength, lb (kN)	100 (0.45)	ASTM D4632
Water flow rate, gpm/ft² (lpm/m²)	140 (5,704)	ASTM D4491
CBR puncture, lb (kN)	250 (1.11)	ASTM D6241
Apparent opening size (AOS), US Sieve (mm)	70(0.21)	ASTM D4751
UV resistance @ 500 hours, %	70	ASTM D4355

ROLL DIMENSION & MASS	
PROPERTY	VALUE
Length, ft (m)	165 (50.29)
Width, in (cm)	12(30.5)
Roll weight, lb (kg)	35(15.9)

Data is represented by average values, unless noted otherwise.

FITTINGS:

End outlet

W891



Side outlet

W892



Splice

W893



Corner

W894

