

WaterDrain Filter Fabric

Root resistant filter fabric consisting of 100% Post Consumer material

Composition: WaterDrain Filter Fabric is a root resistant filter fabric that is 100% post consumer recycled nonwoven polyester, and manufactured using post consumer recycled material chips made out of recycled plastic bottles.

Through its sustainable design, every square yard contains the equivalent of one 2-liter plastic bottle.

Basic Uses: WaterDrain Filter Fabric is used in conjunction with the Tremco WaterDrain VR to help contain all soil particles within the soil profile, to prevent roof drains from clogging with soil particles, and to prevent root rot by promoting water drainage.

WaterDrain Filter Fabric can be specified for use in Vegetated Roof Assemblies, planters, retaining walls, under pavers, along foundation waterproofing, and in below grade waterproofing.

Product Advantages:

- Post consumer recycled polyester nonwoven products are manufactured using recycled plastic bottles
- Better root resistance
- Gain LEED points by increasing overall recycled content.

Limitations:

- Not intended for use as a ply sheet in hot applied bituminous adhesives.
- Not intended for sole use as a root barrier; must be used in combination with an approved root barrier component.

APPLICATION DATA:

Waterproofing Membrane: Waterproofing membrane and flashings must be fully installed, inspected and approved by Tremco and water tight prior to application of specified vegetated components.

Root Barrier and Insulation Layers: Depending on the system being installed, the Root Barrier membrane and insulation layer(s) shall be installed as specified.

Surface Preparation: Substrate must be properly sloped, free of sharp protrusions, free of height changes greater than 1/8", clean of any debris, and dry prior to installation of WaterDrain Filter Fabric.

Approved WaterDrain board (typically 1") may be specified either beneath and/or above the WaterDrain Filter Fabric. Consult with your local Tremco Representative for further information.

Installation:

Starting at the low end of the horizontal deck roll out and place WaterDrain Filter Fabric over the substrate, including drains. Over drains, cut and remove material to improve flow of water into drain. All outside termination edges of

WaterDrain Filter Fabric must have an additional piece of fabric enveloped over the edge to prevent soil from entering the core. Overlap top of fabric on to adjacent sheets of WaterDrain Filter Fabric in the direction of water flow.

WaterDrain Filter Fabric may be applied to substrates in either a horizontal or vertical direction. Overlap top layer of fabric on to adjacent sheets of Water Drain Filter Fabric in the direction of water flow. WaterDrain Fabric may be wrapped around vertical corners and may be wrapped along wall/deck interfaces. If separate sheets are used at these angle changes, apply an additional piece of fabric at the junction to prevent soil from entering the core. Envelope and wrap fabric over and around exposed core edges at top of vertically applied WaterDrain Filter Fabric sheets to prevent growing media from entering the core.

Dimensions:

- Roll dimensions 4.5' x 50' (1.37m x 15.24m)
- 225 sq.ft/roll approx.
- 7 lbs/roll (3.8 kg/roll)

Precautions: Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Representative for pricing and availability. For the name number of your Representative, call the Roofing Division at 216/292-5000.

Maintenance: Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary,

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depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program. Guarantee/Warranty: Tremco Inc. warrants WaterDrain Filter Fabric to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any WaterDrain Filter Fabric product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYER'S SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weather-proofing technology, complement and extend the services of the Tremco Technical Service staff.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

Physical Performance Characteristics		
WaterDrain Filter Fabric		
Property	Typical Value	Test Method
Basis Weight	100 g/m ²	ASTM D 3776
Grab Tensile	70 lbf	ASTM D 5034
Grab Elongation	40%	ASTM D 5034
Thickness	0.49 mm (19.3 mils)	ASTM D 1777
Trapezoidal Tear	20 lbf	ASTM D 1117
Water Flow Rate	250 gal/min/ft ²	ASTM D 4491

TREMCO

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