



PRODUCT SPECIFICATION DATA SHEET

VR RootBloc 10

ROOT BARRIER
FOR VEGETATED ROOF ASSEMBLIES

PRODUCT DESCRIPTION

Description	2-sheets of high-quality high-strength fire-retardant virgin film are laminated together with a third layer of molten polyethylene. A heavy duty scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. Used in applications that require a fire retardant material, and demands high puncture and tear strength.
Application	Extensive vegetated roofing applications



PRODUCT PROPERTIES

Material	High-quality High Density Polyethylene (HDPE), laminated with scrim reinforcement.
-----------------	--

Color	Translucent, cream
--------------	--------------------

Dimensions

Width x Length of roll	12 ft x 100 ft (3.65 m x 31 m)
Thickness	10 mil (0.25 mm)

Weight	6.2 oz./yd ² (43 lbs/MSF) (210 g/m ²)
---------------	--

Tensile Properties

Elongation at Break	500%
Grab Tensile	80 lbf (356 N)
Trapezoid Tear	52 lbf (231 N)
1" Tensile Strength	60 lbf/in (267 N/cm)

Resistance Properties

Mullen Burst	90 psi (621 kPa)
Hydrostatic	74 psi (510 kPa)

Temperature Use

Maximum	180°F (82°C)
Minimum	-70°F (-57°C)

WVTR	0.214 grains/(100 inch ² *day) (0.202 g/(m ² *day))
-------------	--

Perm Rating	0.031 US perms (0.021 metric perms)
--------------------	-------------------------------------

Burning Characteristics

Flame Spread Index	5
Smoked Developed Value	55
Fire Testing	NFPA 701, Test Method 2 (Large Scale) Class "A", NFPA Life Safety Code 101

Additional Info

Use	To be overlapped 6-inch (152.4 mm) and bonded with VR TecTape 2.
-----	--

Recycled Content	10% Post-Consumer scrap
------------------	-------------------------

Tremco Commercial Sealants & Waterproofing

UNITED STATES
3735 Green Road
Beachwood, Ohio,
44122
T: 1.800.321.7906

CANADA
220 Wicksteed Avenue
Toronto, Ontario
M4H 1G7
T: 1.800.363.3213

Tremco Roofing & Building Maintenance

UNITED STATES
3735 Green Road,
Beachwood, Ohio
44122
T: 1.800.526.2728

CANADA
50 Beth Neelson Drive
Toronto, Ontario
M4H 1M6
T: 1.800.668.9879



www.tremcosealants.com
www.tremcoroofing.com

PRODUCT SPECIFICATION DATA SHEET

VR RootBloc 10

ROOT BARRIER
FOR VEGETATED ROOF ASSEMBLIES

GUARANTEE / WARRANTY

Tremco Incorporated warrants VR RootBloc 10 to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any VR RootBloc 10 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.

TREMCO[®]

www.tremcosealants.com
www.tremcoroofing.com

© 2017 Tremco Incorporated

Tremco Commercial Sealants & Waterproofing

UNITED STATES
3735 Green Road
Beachwood, Ohio,
44122
T: 1.800.321.7906

CANADA
220 Wicksteed Avenue
Toronto, Ontario
M4H 1G7
T: 1.800.363.3213

Tremco Roofing & Building Maintenance

UNITED STATES
3735 Green Road,
Beachwood, Ohio
44122
T: 1.800.526.2728

CANADA
50 Beth Nealson Dr
Toronto, Ontario
M4H 1M6
T: 1.800.668.9879