



PRODUCT SPECIFICATION DATA SHEET

VR RootBloc 40

ROOT BARRIER
FOR VEGETATED ROOF ASSEMBLIES

PRODUCT DESCRIPTION

Description High-quality root barrier membrane consisting of blended linear polyethylene, infused with carbon black for UV protection. Specially designed for applications that demand high puncture and tear strength, with additional outdoor longevity.

Application Intensive Vegetated Roof Applications



PRODUCT PROPERTIES

Material High-quality blended linear High Density Polyethylene (HDPE) infused with carbon black additive

Color Black

Dimensions

Width x Length of roll 10 ft x 100 ft (3.04 m x 31 m)

Thickness 40 mil (1.00 mm)

Weight 189 lbs/MSF (921 g/m²)

Tensile Properties

Elongation at Break 800%

1" Tensile Strength 154 lbf (270 N)

Resistance Properties

Mullen Burst 220 psi (1517 kPa)

Tear 22 lbf (98 N)

Puncture 60 lbf (267 N)

Temperature Use

Maximum 180°F (82°C)

Minimum -70°F (-57°C)

Dimensional Stability < 2%

Volatile Loss < 1%

Perm Rating 0.024 US perms (0.015 metric perms)

Additional Info

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

Recycled Content 10% Post-Consumer scrap

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GUARANTEE / WARRANTY

Tremco Incorporated warrants VR RootBloc 40 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 40 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.

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