

**PRODUCT DESCRIPTION**

**Description** Three-dimensional unit integrating a moisture retention/drainage panel with locking clips, drainage mat with filter fabric, engineered growing media, and vegetation to form an integrated modular vegetated roofing system. Modules can be installed and locked interchangeably in various orientations.

**Options** Standard and custom meadow mixes available. Modules can be ordered with integrated rotary irrigation system.


**PRODUCT PROPERTIES**
**Material**

**Empty Module:** High density polypropylene

**Drainage Mat:** Die-cut polypropylene 3d matrix with geocomposite fabric bonded to one side

**Growing Media:** VR HydraMix  
Engineered growing media, suitable for forbs and graminoids.

**Vegetation:** Standard mixes comprise of 10 - 12 species, suited for regional climates.

**Dimensions**

**Width x Length x Depth** 12 in x 24 in x 5.75 in  
(304.8 mm x 609.6 mm x 146 mm)

**Area** 2 ft<sup>2</sup> (0.185 m<sup>2</sup>)

**Thickness of wall** nom. 100 Mil (2.54 mm)  
3/8 in (9.52 mm) reinforcements

**Weight**

**Empty Module** 2.51 lb (1.14 kg) per unit  
ASTM E2398 1.255 lb/ft<sup>2</sup> (6.13 kg/m<sup>2</sup>)

**Maximum Weight** 55.0 lb (25 kg) per unit  
ASTM E2398 / ASTM E2399 27.5 lb/ft<sup>2</sup>

**Minimum Weight** 16.0 lb (7.3 kg) per unit  
ASTM E2398 / ASTM E2399 8.0 lb/ft<sup>2</sup>

**Shipping Weight** 40 lb (18.1 kg) per unit  
*Approximate* 20.0 lb/ft<sup>2</sup>

**Compression** 7984 psf (382 kN/m<sup>2</sup>)  
**Strength**

**Moisture Retention**

**Vegetated Module** 4 gal (15.1 L) per unit  
ASTM E2398 / ASTM E2399 2 gal/ft<sup>2</sup> (81.6 L/m<sup>2</sup>)

**Empty Module** 0.58 gal (2.20 L) per unit  
ASTM E2398 0.29 gal/ft<sup>2</sup> (11.9 L/m<sup>2</sup>)

**Additional Info**

**Recycled Content** 80% Post-Industrial scrap  
**(Empty Module)** 20% Post-Consumer scrap

# PRODUCT SPECIFICATION DATA SHEET

## VR Mod M4

PRE-VEGETATED HYBRID MODULAR TRAY  
FOR VEGETATED ROOF ASSEMBLIES

### GUARANTEE / WARRANTY

Tremco Incorporated warrants VR Mod M4 to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any VR Mod M4 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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