



SYSTEM PROFILE

VR MOD

EXTENSIVE PRE-VEGETATED HYBRID MODULAR SYSTEM

SYSTEM OVERVIEW

VR MOD creates an instant green roof, while employing the same high performance qualities as our “built-in-place” systems.

Each unit is designed to encapsulate growing media against erosion into the drainage areas, allow for uninterrupted nutrient, root and water exchange between units, optimally hold and release storm water, and allow for seamless integration of

irrigation systems. VR MOD units positively lock together for superior wind uplift resistance and precise integration. Modules can be locked together interchangeably in both vertical and horizontal orientations.

Contained within the VR MOD unit are all the components which make up a well designed green roof system.

**HIGH PERFORMANCE.
MODULAR.
PRE-VEGETATED.**

INSTANT GREEN ROOF.

STANDARD FEATURES & OPTIONS

- Perforated side walls for soil-to-soil contact throughout the entire depth of the growing media
- Integrated water retention and drainage panel with the highest water retention capacity in the industry
- Positive-locking sidewalls for a secure module-to-module fit, regardless of module orientation
- Standard growing media depths of 4”
- Built-in filtration layer separates growing media from drainage layer
- Standard modules are pre-vegetated with sedum or shortgrass blends. Custom vegetation palettes available.

SYSTEM DETAILS

VR MOD

EXTENSIVE PRE-VEGETATED HYBRID MODULAR SYSTEM

SYSTEM COMPONENTS

- A** ROOT BARRIER
- B** MODULE
WITH INTEGRATED RETENTION AND DRAINAGE PANEL
AND DRAINAGE MAT WITH FILTER FABRIC OVERLAY
- C** VR MOD SEDUM
WITH ENGINEERED GROWING MEDIA

VEGETATION OPTIONS:
SEDUM BLENDS
- D** VR MOD MEADOW
WITH ENGINEERED GROWING MEDIA

VEGETATION OPTIONS:
SHORTGRASS MEADOW BLENDS
WILDFLOWER MEADOW BLENDS
PERENNIALS
- E** EDGING RESTRAINT
- F** VEGETATION-FREE ZONE



VR MOD

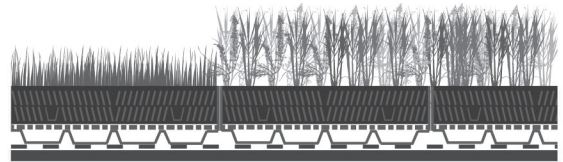
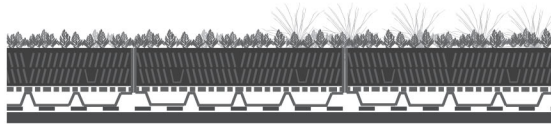


SYSTEM CRITICAL DATA SHEET

VR MOD

EXTENSIVE PRE-VEGETATED HYBRID MODULAR SYSTEM

- ACCESSORIES**
- ROOT BARRIER
 - DRAIN INSPECTION BOX
 - EDGING RESTRAINT
 - IRRIGATION
 - SLOPE RETENTION SYSTEM



SYSTEM

VR MOD SEDUM

VR MOD MEADOW

GROWING MEDIA DEPTH

4"
100 MM

4"
100 MM

VEGETATION OPTIONS

SEDUM BLENDS:
STANDARD
CUSTOM

SHORTGRASS MEADOW BLENDS:
STANDARD
CUSTOM

PERENNIALS

SATURATED WEIGHT

26.5 - 28.0 LB/SQ. FT.
130 - 137 KG/SQ. M.

STORM WATER RETENTION CAPACITY

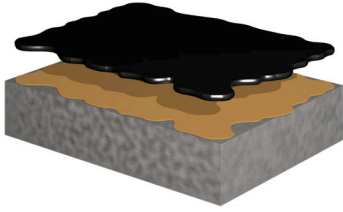
1.65 - 2.20 GAL/SQ. FT.
67 - 90 L/SQ. M.



COMPLEMENTARY WATERPROOFING ASSEMBLIES

TREMproof 6100

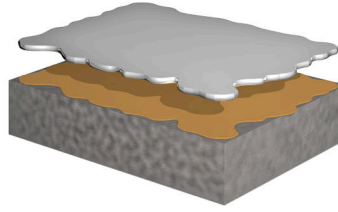
HOT RUBBERIZED ASPHALT



- 215 MIL SELF-HEALING MODIFIED ASPHALT
- COLD-TEMPERATURE APPLICATION FLEXIBILITY
- 40-YEAR TRACK RECORD
- COMPLIES WITH CGSB 37GP 50M SPECIFICATION

TREMproof PUMA

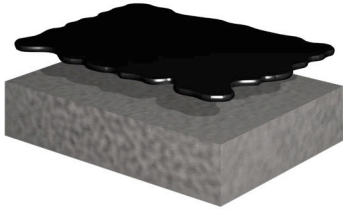
POLYURETHANE-METHACRYLATE (PUMA) TECHNOLOGY



- 30-TO-45 MINUTE CURE TIME BETWEEN COATS; ABILITY TO PROCEED TO OVERBURDEN 1 HOUR AFTER APPLICATION
- EXTREME DURABILITY WITH EXCEPTIONAL CRACK-BRIDGING CHARACTERISTICS
- NO REINFORCING FABRIC REQUIRED
- COLD-TEMPERATURE APPLICATION FLEXIBILITY (20°F (-6 °C) AND RISING)

TREMproof 250GC

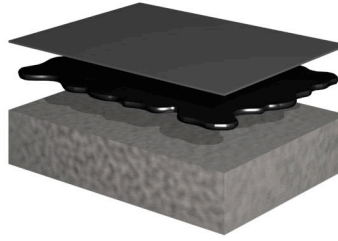
COLD-APPLIED ELASTOMERIC WATERPROOFING MEMBRANE



- 120 MIL SINGLE-LIFT APPLICATION
- 215 MIL HIGH-BUILD OPTION
- DAMP AND GREEN CONCRETE APPLICATION
- NO REINFORCING FABRIC REQUIRED
- SIGNIFICANT LABOR SAVINGS

Dual Waterproofing System

TREMproof TRA SHEETING EMBEDDED IN TREMproof 250GC



- 120 MIL DUAL WATERPROOFING SYSTEM
- LONG-TERM DURABILITY
- DAMP AND GREEN CONCRETE APPLICATION



www.tremcosealants.com
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