

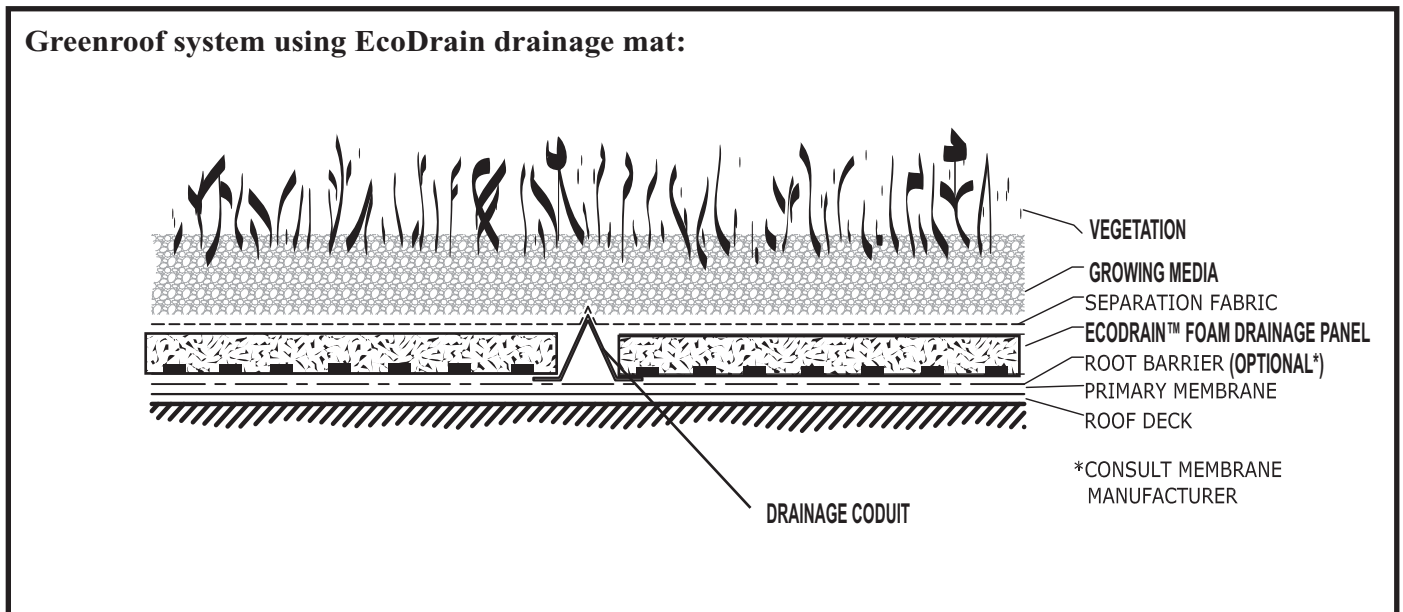
**A. Product Data:** Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM test results, and samples.

**B. Warranty :**

1. See Installer for roof system warranty

**C. Manufacturer:**

1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



**E. Application:** Greenroof systems not to exceed 3 stories. Roof pitch not to exceed 1.5:12.

**F. Installation Procedure:**

1. Install recommended primary roof membrane to existing roof. Weld seams using hot-air welding equipment. Test seams.
2. Install root barrier (optional) and drainage conduit. Strategically place drainage conduit toward roof drains to eliminate storm water run off as quickly as possible.
3. Next install EcoDrain® panels with drainage channels toward roof membrane. Cut with utility knife where needed - over vent pipes, around heating units, etc.
4. Install geotextile fabric over EcoDrain™ panels.
5. Immediately cover geotextile fabric with growth media. The media shall be dispensed at the roof level in a manner that will not suddenly increase the load to the roof. It shall be immediately spread to the specified thickness, plus 10 percent, after moderate compaction. Unless otherwise approved, compaction shall be using a 4-foot wide lawn roller with a total load of not less than 200 lbs and not more than 300 lbs.
6. Thoroughly soak with water using a hand sprayer or a sprinkler.
7. Plant vegetation.

**G. Specifications for EcoDrain®:**

1. Composition: Recycled closed-cell, cross-linked, Polyethylene and Polyurathane foam.
2. Recycled content: 100% pre-consumer recovered foam. 100% raw material derived from within 100 miles of Cold Water, MI.
3. Size: 48" x 48" in.
4. Weight: 89 ounces per square yard.
5. Thickness: 1" w/ multi directional channels.
6. Density: 86 ounces per cubic foot.
7. Transmissivity, ASTM D4716: 3.65E-003 m<sup>2</sup> / sec
8. Flow Rate, ASTM D2434: + 38 gallons/ minute per sq. ft.
9. ASTM D3574: Standard Test Methods for Flexible Cellular Materials-Slab, Bonded and Molded Urethane Foams - lbs/force @ Rupture - Average- 16.59 / PSI-33.23 / %Elongation -20.70
10. ASTM E648: Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source - Average Critical Radiant Flux -0.04 W/cm<sup>2</sup>