

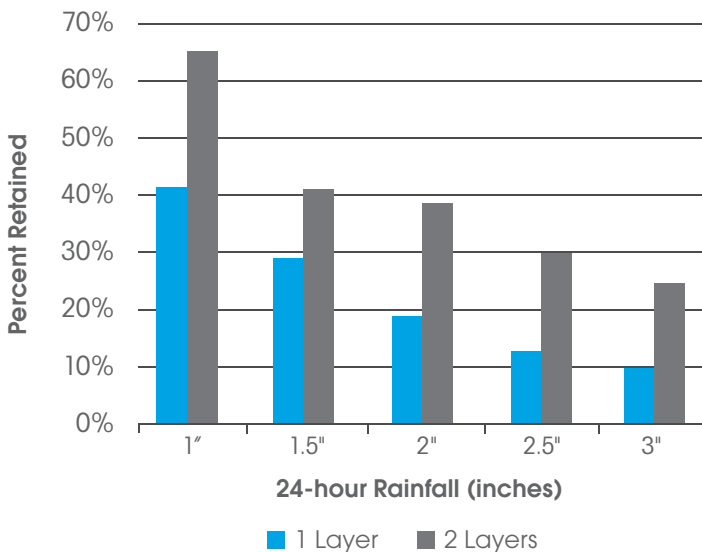
VERSIGARD® EPDM

Economical Solution for Stormwater Collection



Stormwater Retention System

Stormwater management is a growing concern among building owners, especially in urban environments where many stormwater and sewer systems are outdated and unable to handle heavy rain falls. A Ballasted Stormwater Retention roof system from Versico can retain up to 70% of the water from a 24-hour rain event, offering building owners and developers an economical alternative to costly stormwater collection basins and associated land requirements.



During a heavy, one-inch rainfall, over 6,200 gallons of water would fall onto a 10,000 ft² roof. Versico's Ballasted Stormwater Retention System using two layers of moisture retention mat could retain up to 67%, or 4,177 gallons. This provides serious relief to local stormwater and sewer systems, while only adding a little over 3 lbs of weight per square foot of roof area.

Advantages of a Versico Stormwater Retention Roof System:

- Retain as much as 70% of the water from a 24-hour rain event
- Easy to install
- Cost effective
- Environmentally friendly
- Ballast can be reused in re-roofing applications
- EPDM membrane is 100% recyclable
- Can contribute toward five (5) possible LEED® credits

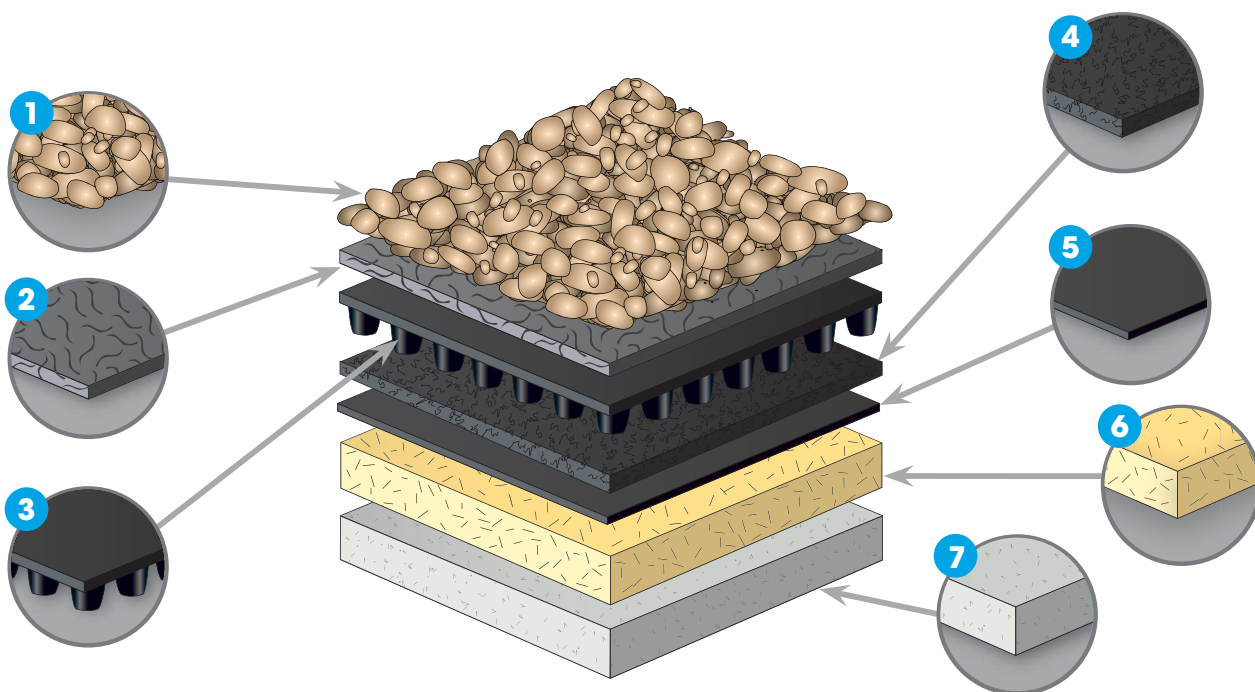


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Versico's Ballasted Stormwater Retention System Components

Versico's Ballasted Stormwater Retention roofing systems consist of proven materials that have a record of providing long-term durability and protection. When combined into a comprehensive system, these individual components create a dependable, long-lasting solution to traditional rooftop runoff and stormwater issues.



1. Ballast

Round, water-worn gravel

2. Versico Moisture Retention Mat

A nominal 0.3"-thick mat composed of needle-punched, recycled synthetic fibers, designed to retain moisture. Versico Moisture Retention Mat is available in 12' x 60' rolls.

3. Versico MiraDRAIN® G4 Drainage Board

A high-performance retention/drainage composite consisting of a three-dimensional, high-impact polystyrene core with pierced holes. The lightweight drainage composite is available in 4' x 50' rolls.

4. Versico Protection Fabric

Versico Protection Fabrics are extremely tough non-woven polypropylene fabrics designed for use as protection courses over Versico waterproofing membranes. All Versico protection fabrics are available in 40" or 150" widths by 200' lengths.

5. Versico VersiGard® EPDM Membrane

Available in a variety of thicknesses, lengths and widths, VersiGard EPDM membranes may be used for both new and reroofing applications. Versico also offers 36 different EPDM membranes with factory-applied Quick-Applied Tape (VersiGard QAT) for improved performance and more cost-effective installations.

6. Versico Polyisocyanurate Insulation

Featuring the highest initial R-value per square foot of any roofing insulation, Versico's polyiso can help building owners drastically reduce their energy costs. With flat and tapered polyiso boards in various thicknesses, Versico has an ideal choice for virtually any roofing project.

7. Approved Roof Deck

The building structure must be capable of withstanding the total weight of the specified system, as well as construction loads and live loads, in accordance with all applicable codes.



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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