



VEGETATED

SOPRANATURE EXTENSIVE SYSTEM

ROOFS

EXTENSIVE BUILT-IN-PLACE SYSTEM



SOPRANATURE™ vegetated roof systems provide a variety of benefits from enhancing building performance and increasing asset value to improving the environment. SOPREMA® offers both modular, all-in-one systems and built-in-place systems for extensive, semi-intensive and intensive profiles. SOPRANATURE systems are compatible with SOPREMA roofing and waterproofing systems including SBS-modified bitumen membrane systems, ALSAN® RS PMMA/PMA liquid membrane systems, SENTINEL® PVC systems and COLPHENE® H hot rubberized asphalt built-up systems.

Extensive systems are designed for projects that require a lightweight vegetated roofing solution. With soil depths ranging from 3 to 6 inches, the vegetation options for these systems include sedums, small grasses and perennials. These systems are the most cost efficient and low maintenance vegetated roofing option.

BENEFITS

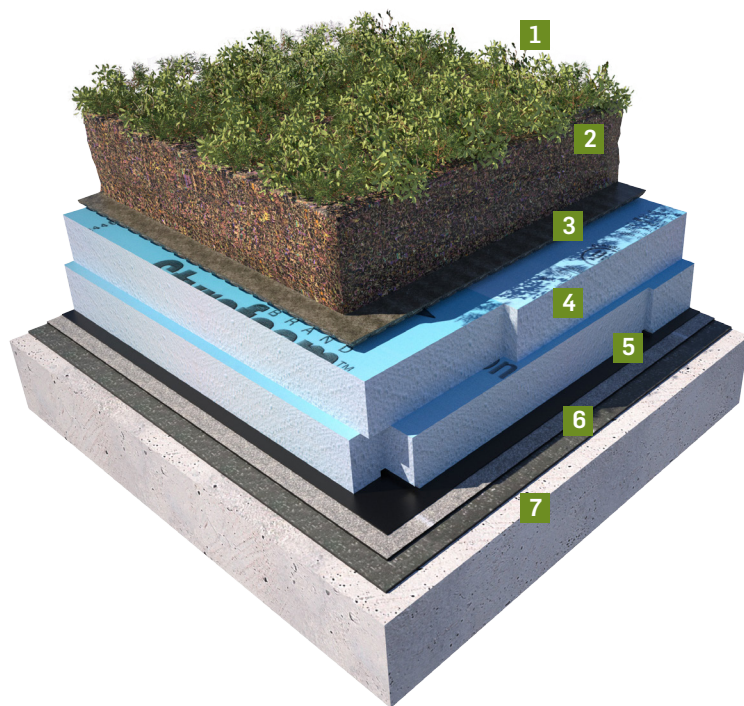
- Lightweight
- Low maintenance
- Stormwater retention capability
- Combats Urban Heat Island Effect



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1 SOPRANATURE SEDUM TILES

Also available as blankets, a pre-grown variety of sedums and other hardy succulents in a mat placed over the soil. Additional vegetative options include sedum plugs, sedum cuttings, and contractor-provided grasses and perennials.

2 SOPRANATURE EXTENSIVE MEDIA

A specially blended soil engineered to sustain long-term plant growth in a lightweight, shallow profile, and capture a significant amount of rainfall while allowing excess water to drain freely.

3 SOPRANATURE ECOVENT 2

A rugged yet flexible drainage core of fused, entangled filaments bonded on both sides to geotextiles which keep soil particles out of the drainage layer, protect the layers below, and can be specified to retain additional water.

4 EXTRUDED POLYSTYRENE INSULATION

A closed-cell rigid board insulation with high compressive strength for long term thermal performance.

5 SOPRANATURE ROOT BARRIER

Linear low-density polyethylene (LLDPE) sheet providing redundant protection to the waterproofing membrane from any roots or soil particles which get through the drainage and insulation layers.

6 SOPREMA WATERPROOFING MEMBRANES

7 STRUCTURAL DECK

If you have any questions about this product or its installation, please contact your SOPREMA representative.



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