

Firestone
BUILDING PRODUCTS
NOBODY COVERS YOU BETTER.™



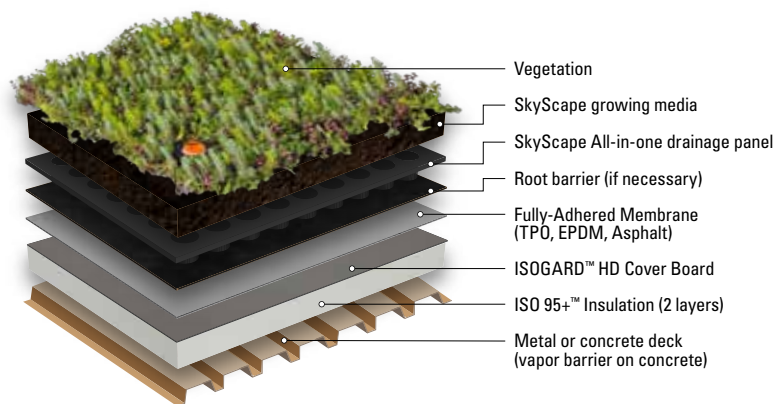
SkyScape™ Built-In-Place (BIP) Systems

WITH VEGETATIVE ROOFING OPTIONS, THE SKY'S THE LIMIT.



SkyScape Built-in-Place (BIP) Systems

For the greatest assortment of pre-designed options, look no further than SkyScape BIP Systems. Whether you need a functional solution or a dramatic rooftop garden, we have a system that will meet your vision for the space.



Our systems allow for monolithic coverage over the entire roof and can be used in both low-sloped and sloped applications. Plus, Firestone vegetative roof experts are available to assist in the design process from start to finish.

No matter your most challenging project objectives, you can rest assured that you'll find an outstanding solution with SkyScape BIP Systems.

**FIND THE RIGHT SKYSCAPE BIP SYSTEM
FOR YOUR NEXT PROJECT INSIDE.**

WHY BUILD A GREEN ROOF?



STORM WATER MANAGEMENT

Vegetative roofs reduce the amount of storm water runoff while also moderating the temperature of the water and acting as natural filters.



AMENITY SPACE

Vegetative roofs can create readily accessible green environments for residents and workers, and offer playground space at urban schools and childcare facilities.



MUNICIPAL ECONOMIC INCENTIVES

A rapidly growing number of municipalities are offering financial incentives for building owners who install vegetative roofs.



INCREASED PROPERTY VALUE

Having a view of a green roof—and access to the green roof—both can significantly raise property values. As urbanization increases, so does the desire for green space.



URBAN HEAT ISLAND EFFECT MITIGATION

Providing shade and removing heat from the air through evapotranspiration, vegetative roofs are able to significantly lower the air temperature above the roof surface.



INTERIOR NOISE REDUCTION

Growing medium blocks lower frequencies; plants block higher frequencies; and the mass created by a vegetative roof serves as a sound dampener for the interior space.

Extensive BIP Systems

MEDIA DEPTH: LESS THAN 6"

This meadow-like, easy-to-install system is the most commonly used vegetative roof in North America.

GREAT FOR:

- Roofs with limited load bearing capacity
- Visible or non-visible roof surfaces
- Satisfying specific engineering and performance goals
- Meeting and/or exceeding stormwater retention requirements

VEGETATION & PLANTING OPTIONS

- Increase diversity or meet a specific design pattern by adding accents species to the base Sedum mix
- Many species of herbaceous perennials can provide color and texture (recommended planting ratio for Sedum to accents is 80 to 20)
- Beyond the recommended Sedum mat, additional extensive plant species are available in a variety of sizes to meet your design needs



SYSTEM OPTIONS

BASE SOLUTION

	All-in-One Drainage Panel Depth	Extensive Media Depth	Sedum Mat Depth	Total Depth	Weight*, lb./ft ²	Storage Volume, gal./ft ²	Edging**
E-Base 1	0.5"	3"	0.5"	4"	21–25	0.70–0.75	4.5"

DESIGNER SOLUTION

	All-in-One Drainage Panel Depth	Extensive Media Depth	Sedum Mat Depth	Total Depth	Weight*, lb./ft ²	Storage Volume, gal./ft ²	Edging**
E-Design 1	1"	2.5"	0.5"	4"	20–23	0.70–0.75	4.5"
E-Design 2	1"	4"	0.5"	5.5"	26–30	1.0–1.1	6.5"
E-Design 3	1"	6"	0.5"	7.5"	38–44	1.4–1.5	8.5"

EXTENSIVE BIP ACCESORIES

- Drainage boxes
- Irrigation
- Geofoam if needed to create topography



SYSTEM OPTIONS

STORMWATER MAX

	All-in-One Drainage Panel Depth	Stormwater Max Media Depth	Sedum Mat Depth	Total Depth	Weight*, lb./ft ²	Storage Volume, gal./ft ²	Edging**
E-Storm 1	1"	2.5"	.5"	4"	18–22	0.9–1.4	4.5"
E-Storm 2	1"	4"	.5"	5.5"	25–30	1.3–2.0	6.5"

LIGHTWEIGHT, MAX RETENTION

	36 oz. Capillary Mat	3 oz. Filter Fabric	Sky-Rock Wool	Media Depth***	Sedum Mat Depth	Total Depth	Weight*, lb./ft ²	Storage Volume, gal./ft ²	Edging**
E-Light 1	✓			2.5"	.5"	4"	18–22	0.75–1.2	4.5"
E-Light 2	✓			4"	.5"	5.5"	27–30	1.05–1.8	4.5"
E-Light 3		✓	1"	3"	.5"	4.5"	23–26	1.3–1.85	4.5"

CONSULT WITH YOUR LOCAL
FIRESTONE REP FOR PLANT SPECIES
RECOMMENDATIONS.

* Weights listed at maximum water holding capacity.

** Aluminum-extruded edging.

*** Conventional or Stormwater Max.

Semi-Intensive BIP Systems

MEDIA DEPTH: 6–8"

This system features deeper media, allowing for a truly designed rooftop landscape and more complex plants than an Extensive System.

GREAT FOR:

- Amenity space
- Softening a building's appearance with enhanced aesthetics

VEGETATION & PLANTING OPTIONS

- Succulent ground cover
- Conventional perennials, grasses, and native forbs can be used to create diversity
- Semi-intensive plant species are available in a variety of sizes to meet your design needs
- Native and/or ornamental perennials suitable for rooftops



SYSTEM OPTIONS

DESIGNER SOLUTION

	All-in-One Drainage Panel Depth	Semi-Intensive Media Depth	Sedum Mat Depth	Total Depth	Weight, lb./ft ²	Storage Volume, gal./ft ²	Edging**
S-Design 1	1.0"	6–8"	0.5"	7.5–9.5"	40–55	Varies	8"

TURF SOLUTION

	All-in-One Drainage Panel Depth	TURF Media Depth	Sod	Total Depth BEFORE SOD	Weight, lb./ft ²	Storage Volume, gal./ft ²	Edging**
S-Turf 1	1.0"	6–8"	0.5"	7–9"	40–55	Varies	8"

SEMI-EXTENSIVE BIP ACCESORIES

- Drainage boxes
- Geofoam (If needed to create topography)
- Irrigation (Overhead spray system specifically designed for each roof is recommended)

Intensive BIP System

MEDIA DEPTH: 8"+

Intensive Systems allow for the most creative rooftop garden designs, with seemingly unlimited options.

GREAT FOR:

- Amenity space
- Roofs with substantial loading capacity to accommodate a rooftop garden

VEGETATION & PLANTING OPTIONS

- Succulent ground cover
- Conventional perennials, grasses, and native forbs, shrubs, and small trees can be used to create diversity
- Intensive plant species are available in a variety of sizes to meet your design needs



SYSTEM OPTIONS

DESIGNER SOLUTION

	All-in-One drainage panel depth	Intensive Media depth	Vegetation	Total Depth BEFORE VEGETATION	Weight*, lb./ft²	Storage Volume, gal./ft²	Edging**
I-Design 1	1.0"	8+"	Per Design	9"	55+	Varies	8"

INTENSIVE BIP ACCESORIES

- Drainage boxes
- Geofoam (If needed to create topography)
- Irrigation (Overhead spray system or drip system specifically designed for each roof is recommended)

Ready to go green?

Visit firestonebpco.com/skyscape or contact your local sales rep today to get started.

Firestone

BUILDING PRODUCTS

NOBODY COVERS YOU BETTER.™



Partnering with Firestone Building Products means superior support that goes beyond the materials you need for your project. We look at the big picture with you, taking the entire building envelope into consideration, so we can provide you with a complete solution. For exceptionally performing building materials backed by the services, warranty and expertise you need...

Count on Firestone.



For more information, ask your local Firestone sales rep or email @firestonebp.com.

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