

TECHNICAL INFORMATION SHEET

SkyScape™ Ballast Paver



Item Description

Charcoal
Natural Gray
Tan

Item Number

CUSTOM
CUSTOM
CUSTOM

Product Information

Description:

The Firestone Ballast Paver is a 0.97ft² durable interlocking concrete paver with radius bearing pads to protect the membrane from abrasion. Design as an engineered system, the Ballast Paver provides superior roof top wind resistance and because of their unique design, allows four-way water drainage.

Method of Application:

1. Install the Firestone Ballast Paver system in accordance with current Firestone Ballast Paver specifications, details and workmanship requirements.
2. Prior to application of roofing membrane, substrates must be clean, dry, smooth, free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials which may damage the membrane.
3. All rough surfaces which could damage the membrane shall be repaired prior to installing the membrane, as specified.
4. All surface voids greater than ¼" wide shall be properly filled with an acceptable fill material.
5. Firestone Skyscape Ballast Pavers are installed as a continuous ballasting overlay layer on the roof. Ballast Pavers are overlapped (shiplap), and mechanically clipped as described in the Firestone Ballast Paver Design Guide.
6. Face upper shiplap edge of Ballast Paver at roof edge.
7. Install pavers in straight bond or staggered bond.
8. Maintain 1¼" (3.2 cm) maximum distance between the upper shiplap and/or the 8.5" (21.6 cm) dimension of the Ballast Paver where they meet the first roofing element.
9. Install mechanical clips where Ballast Pavers meet any roof protrusions (HVAC equipment, roof drains, structural members, roof curbs, etc.) and where there are any pavers less than full size. Firestone AP Sealant may be substituted for mechanical clips. Mechanical Clips or adhesive must also be installed in-between the first two courses of pavers where the 8.5" (21.6 cm) dimension of the pavers meets the roof edge.
10. At ridges or valleys, the cut to fit pavers are adhered to the adjacent full-size paver with one-part polyurethane.
11. Reference Firestone details regarding appropriate flashing details to be used with the Firestone Ballast Paver system.

Storage:

- Store material in original unopened packaging in a dry area away from sources of physical damage.
- Store materials on raised platforms.
- Properly handle materials to prevent damage.
- Do not exceed the structural capacity of deck if placing Firestone Ballast Paver units on the roof.
- Protect membrane and installed areas of the Firestone Ballast Paver from damage when transporting pallets of Firestone Ballast Paver or other material. Recommend to place plywood sheets in traffic path or use carts with pneumatic tires.

TECHNICAL INFORMATION SHEET

SkyScape™ Ballast Paver

Precautions:

- Ballast Pavers are not intended to be used as a plaza deck. Foot traffic should be limited to the occasional pedestrian or maintenance personnel.
- A registered professional engineer, at the request and expense of the owner or architect, shall evaluate the roof structure to ensure it can receive the weight of the Firestone Ballast Paver system.

LEED® Information:

Post-Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Phoenix, AZ
 *NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Typical Properties

Property	Test Method	Typical Performance
Size:		16.0" (L) x 8.5" (W) x 1.625" (H) (40.6 cm x 21.6 cm x 4.1 cm)
Dimensional Tolerance:		± 0.125" (.3 cm) (length, width, height, convex, concave)
Weight:		13.75 ± .05 lb / ft ²
Freeze Thaw	ASTM C67	1% loss of dry weight
Water Absorption	ASTM C140	5%
Compressive Strength	ASTM C140	5000 psi @ 28 days cure
Flexural Strength	ASTM C 293	400 psi

Shipping Information

Property	Quantity	Square Feet	Weight
Pallet	200	190	2,800 lb
Truck	3,200	3,040	44,800 lb

NOTE: 16 Pallets per Truck
 NOTE: Approximate weight includes pallet and packaging

Please contact Firestone Technical Services at 1-800-428-4511 for further information.

This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.