

Technical Information Sheet



SkyScape™ Ballast Paver

Item Description	Item Number
Charcoal	CUSTOM
Natural Gray	CUSTOM
Tan	CUSTOM

Description

The Elevate 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 Elevate Ballast Paver system in accordance with current Elevate 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 1/4" wide shall be properly filled with an acceptable fill material.
5. Elevate 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 Elevate 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 1 1/4" (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. Elevate 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 details regarding appropriate flashing details to be used with the Elevate 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 Elevate Ballast Paver units on the roof.
- Protect membrane and installed areas of the Elevate Ballast Paver from damage when transporting pallets of Elevate Ballast Paver or other material. Recommend to place plywood sheets in traffic path or use carts with pneumatic tires.

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 Elevate 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 C293	400 psi

Shipping Information			
Property	Quantity	Square Feet	Weight
Pallet	200	190	2800 lb
Truck	3200	3040	44,800 lb

NOTE: 16 Pallets per Truck

NOTE: Approximate weight includes pallet and packaging

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

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