

SkyPaver™ Composite Pavers

ITEM NUMBER:

16"x16"x1.6"		16"x16"x 2.4"	
Ruby	W56GARPAVR	Ruby	W56GARPAVR2
Chestnut	W56GARPAVB	Chestnut	W56GARPAVB2
Sage	W56GARPAVO	Sage	W56GARPAVO2
Ash	W56GARPAVW	Ash	W56GARPAVW2
Lavender	W56GARPAVV	Lavender	W56GARPAVV2

Description:

The Firestone SkyPaver Composite Paver is Engineered to serve as a functional, flat roof covering which provides superior roof aesthetics, water drainage, and serviceability, while protecting the roof membrane below from roof traffic. SkyPaver Composite Pavers consist of a 1.77 sq ft interlocking system that is 95% composed of recycled rubber tires. At just 1/3 the weight of concrete, SkyPaver Composite Pavers are available in two different thicknesses (1.6"/41 mm) and 2.4"/61 mm) and five different colors in order to bring strength, beauty and design versatility of pavers to flat roofs.



Method of Application:

1. Prior to installation of the SkyPaver Composite Paver system, all 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. All rough surfaces that could damage the roofing membrane shall be repaired prior to installing the pavers, as specified. All surface voids greater than ¼" wide shall be properly filled with an acceptable fill material. All uneven surfaces, such as membrane seams, should be smoothed using loose rubber shim pieces or other leveling method. Reference Firestone details regarding appropriate flashing details to be used with Firestone SkyPaver Composite Pavers. Note: Firestone SkyPaver Composite Pavers is to be used in conjunction with Firestone SkyDrain Sheet.
2. Firestone SkyPavers are installed as a continuous pathway or plaza overlay over a horizontal drainage sheet. Install SkyPaver Grid pieces (16"x16") above the SkyDrain Sheet and acceptable Firestone roof system.
3. Install the individual SkyPaver units (4"x8") into the SkyPaver grids using a pattern to ensure overlap of pavers with adjacent installation grids.
4. Maintain a 2" minimum distance between SkyPavers and roof protrusions (e.g., HVAC equipment, roof drains, structural members, roof curbs).
5. Utilize a construction adhesive (e.g., PL Premium) between pavers and installation grids under the following conditions:
 - Areas where wind uplift is a concern
 - Areas with high foot traffic
 - Areas that require partial paver pieces
 - Landings, entryways, and other areas where solid footings are required
6. Install Firestone SkyPaver Composite Pavers in accordance with current Firestone SkyPaver specifications, details, and workmanship.

Recommendations:

Cutting

10" power miter saw (10" 24-tooth carbide tipped blade, Teflon or other coating)
 Jigsaw (6 amp or greater, wood cutting blade with minimal number of teeth)

Weathering:

The color and finish will weather over a period of six months causing tint variation. This process may take considerably longer in areas of heavy shade or reduced sun exposure. Weathering is completely harmless and does not affect durability.

Expansion

SkyPaver Composite Pavers will expand and contract with temperature change. Follow the simple installation recommendations to ensure sustainability season after season.

Precautions:

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage to roof membrane.
- Do not exceed the structural capacity of deck if placing Firestone SkyPaver Composite pavers on the roof.
- Protect membrane and installed areas of pavers from damage when transporting pallets of pavers or other material.
- Recommended to place ¾" plywood sheets in traffic path or use carts with pneumatic tires.
- Refer to Material Safety Data Sheets (MSDS) for safety information.

Compliance:

Post Consumer Recycled Content: Up to 95%
Pre Consumer Recycled Content: 0%
Manufacturing Location: Minneapolis, MN

Packaging:

Part number includes SkyPaver and corresponding grid unit.
SkyPaver Composite Pavers are palletized, stretch wrapped, and labeled as follows:

1.6" Thick SkyPaver Composite Pavers

Are packaged with 180 pieces of 16"x16" grids and 1440 pieces of 4" X 8"x 1.23" pavers per pallet. This covers 320 Square Feet

2.4" Thick SkyPaver Composite Pavers

Are packaged with 126 pieces of 16"x16" grids and 1008 pieces of 4" X 8" x 1.66" pavers per pallet. This covers 224 Square Feet

Physical Properties:	Value
Paver Size	4" x 8" (8 pavers per installation grid)
Grid Size	16"x16"
Total Weight	1.7" –11.1 lb (6.23 lb per sq ft); 2.4" – 16 lb (9.0 lb/sq ft)
Assembled Height	1.7" or 2.4"
Water Absorption	<1%
Thermal Expansion	44 x 10-6 @ 68°F



Laser etching of company logos or commemorative designs on paver are available upon request.

Please Contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

ASTM C 1028-07: ASTM D 2394-05e1:
Dry (static) 0.99 Dry (static) 0.57; (sliding) 0.46
Wet (static) 0.67 Wet (static) 0.94; (sliding) 0.86

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