

ASPIRE INTERLOCKING COMPOSITE PAVERS

DESCRIPTION:

The Aspire Interlocking Composite Paver System is a composite, overburden, interlocking paver system, including the Aspire Drain Mat, Aspire's patented grid, and lightweight pavers, for rooftop aesthetic design.

For best results, Duro-Last® recommends an approved cover board be used over insulation for this system.

STORAGE AND HANDLING

- Store product in a dry, cool place.

PRECAUTIONS:

- Read Safety Data Sheets ("SDS") prior to using. SDS can be found at: <https://www.duro-last.com/>.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.



ASPIRE INTERLOCKING PAVER PROPERTIES		
	Test Method	Results
Fire Classification	ASTM E108-007	Class A
Compression Strength	ASTM C140-09 Section 7	3,521 psi (24.3 MPa)
Water Absorption	ASTM X67 Section 8	4.10%
Specific Gravity	FSBP Test Method	0.9
2-Inch Hail Impact	UL-2218	Class 4
Chemical Resistance	ASTM F925	No dulling, color change, or surface attack

INSTALLATION:

1. General

- Pavers must **not** be installed where they may directly come into contact with TPO products.
- Install **only** over surfaces which can support the added weight of the Aspire Interlocking Paver system.
- Aspire Drain Mats are required over all warranted Duro-Last PVC and Duro-TECH™ TPO membranes.
 - Refer to Aspire Drain Mat product data sheet for additional installation instructions.



- For small variations in a flat roof surface, scrap pieces of membrane can be used as shims to provide a smoother surface.
- Ensure a 1/2-in. (13-mm) gap between pavers and parapets or any penetrations in the rooftop.
- To cut grid pieces or pavers, use short, quick motions with a jigsaw or miter saw using a wood-ripping, low tooth-count blade.
- In certain cases, adhesives or Duro-Caulk® must be used. Such as: When using cut pavers, wind uplift conditions, stairs, around drains, or where potential standing water could exist. Contact the Duro-Last Engineering Services department for further information.

2. Rooftop Paver Installation

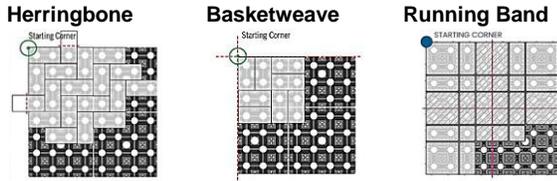
- Clear any loose debris from the area.
- Place grids side-by-side along the roof.
 - Do not use fasteners to attach grids or pavers over roofing membrane.
 - If the rooftop will not be covered from end-to-end, use a bullnose or transition paver to cover the exposed edge of the grid.
 - If bullnose or transition pavers are used along an uncut grid edge, the expansion nubs on the grid must be cut off to allow the paver to properly fit.
 - Grids using bullnose or transition pavers WITH LEGS must trim an additional 1 in. (25 mm) from the grid to allow for necessary overhang.
 - Grids using LEGLESS bullnose pedestrian pavers will not require the additional grid trimming.
 - If the space for the final grid on the perimeter will be less than 4 in. (102 mm), trim 4 or 8 in. (102 or 203 mm) from the preceding grid to allow a larger perimeter grid.



- Choose a layout pattern for the pavers.
- Apply adhesive to the top ribs of the grid, if necessary. A 16-in. (406-mm) perimeter adhesive application is recommended.



e. Place pavers, aligned according to the chosen pattern, with legs down into neighboring grids to connect them together.



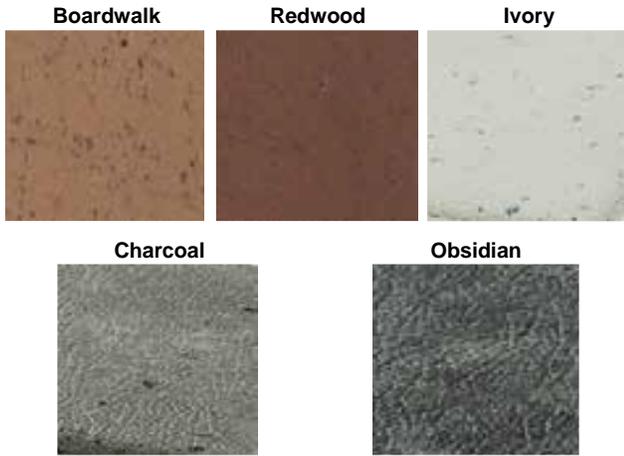
Note: Other patterns are available

f. If adhesive is necessary, allow adhesive to cure for at least 72 hours.

GENERAL ORDERING:

Quantity of grids and pavers will be determined by the size and shape of each roof, and the specified pattern requirements.

Available Colors:



Note: Custom colors are available.

COMPONENT ORDERING:

ASPIRE INTERLOCKING PAVER SYSTEM COMPONENTS	
Item Name	Item #
Grid Only 16 x 16 in. (406 x 406 mm)	12032
Aspire Drain Sheet (200-ft ² (18.6-m ²) roll) 39 in. x 61-1/2 ft x 1/4-in. thick (991 mm x 18.7 m x 6-mm thick) Net Coverage: 167 ft ² (15.5 m ²)	12040
Duro-Caulk® Plus (White) Single tube	1136
Duro-Caulk® Advanced (White) Single tube	11480

PAVER ORDERING:

Aspire pavers are available in 5 colors and 4 sizes

ASPIRE PAVERS			
Pavers with 16- X 16-in. (406- X 406-mm) Grid			
4 x 4 in. (102 x 102 mm) 16 Pavers per Grid		4 x 8 in. (102 x 203 mm) 8 Pavers per Grid	
Boardwalk	12014	Boardwalk	12020
Redwood	12015	Redwood	12021
Ivory	12016	Ivory	12022
Charcoal	12017	Charcoal	12023
Obsidian	12018	Obsidian	12024
Custom Color	12019	Custom Color	12025
8 x 8 in. (203 x 203 mm) 4 Pavers per Grid		16 x 16 in. (406 x 406 mm) 1 Paver per Grid	
Boardwalk	12026	Boardwalk	12054
Redwood	12027	Redwood	12055
Ivory	12028	Ivory	12056
Charcoal	12029	Charcoal	12057
Obsidian	12030	Obsidian	12058
Custom Color	12031	Custom Color	12059
Legless Pavers			
Bullnose Pedestrian Paver 4 x 8 in. (102 x 203 mm) Box of 36		Transition Pedestrian Paver 8 x 7-1/4 in. (102 x 203 mm) Box of 18	
Boardwalk	12041	Boardwalk	12047
Redwood	12042	Redwood	12048
Ivory	12043	Ivory	12049
Charcoal	12044	Charcoal	12050
Obsidian	12045	Obsidian	12051
Custom Color	12046	Custom Color	12052
Corner Pavers			
Bullnose Corner Paver 9 x 9 in. (229 x 229 mm) Individual Piece		Transition Corner Paver 7-1/4 x 7-1/4 in. (203 x 203 mm) Individual Piece	
Boardwalk	12078	Boardwalk	12066
Redwood	12079	Redwood	12067
Ivory	12082	Ivory	12070
Charcoal	12081	Charcoal	12069
Obsidian	12080	Obsidian	12068
Custom Color	12083	Custom Color	12071
Pavers with Legs			
Bullnose Pedestrian Paver with Legs 4 x 9 in. (102 x 229 mm) – Box of 36			
Boardwalk			12072
Redwood			12073
Ivory			12076
Charcoal			12075
Obsidian			12074
Custom Color			12077