

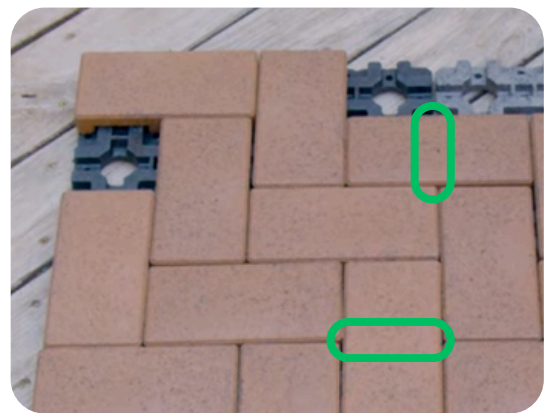
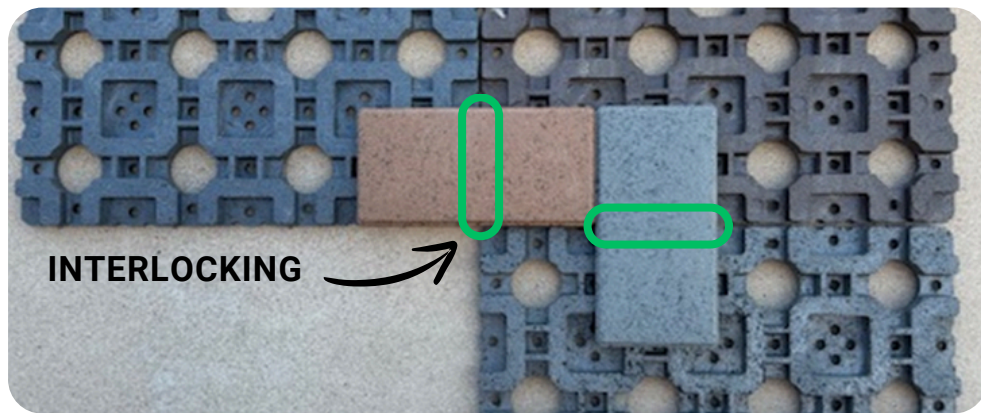
INTERLOCKING ASPIRE GRIDS WITH PAVERS AND WHEN TO USE ADHESIVE

SUMMARY

This bulletin describes the importance of interlocking Aspire Grids with Pavers, how to interlock using different paver patterns, and when to use adhesive to create a stable and visually appealing finished system.

PATENTED GRID AND PAVER SYSTEM

The Aspire Paver System consists of 16" x 16" grids and pavers in four (4) sizes: 4"x4", 4"x8", 8"x8", and 16"x16". The pavers fit into the grid to enable perfect alignment and a variety of patterns and designs. The key to the system is the interlocking that occurs when a paver straddles two grids. We recommend that at least one paver straddles an adjacent grid in both directions (see below).



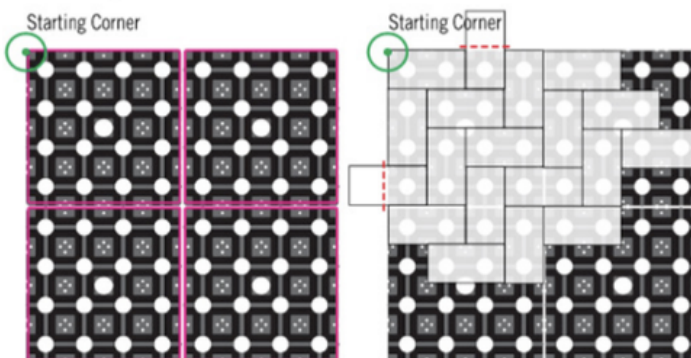
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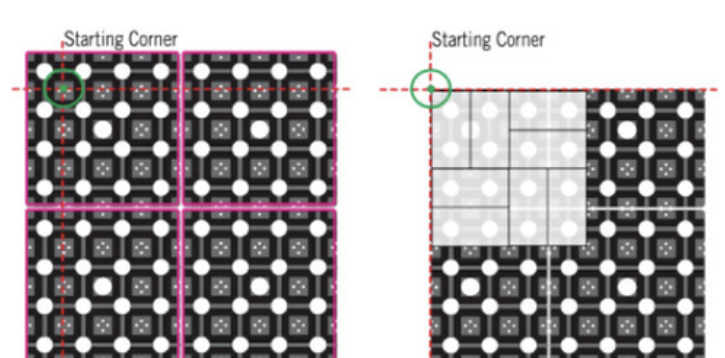
PATTERNS

Aspire Pavers come shipped with the pavers on top of the grid. Installers will dump the pavers off the grids and lay out the grids per the [Installation Guide](#) for that pattern. Depending on the pattern, the first row of grids may need to be cut to ensure the repeating paver pattern interlocks properly. Another alternative to cutting the grid is to start with a soldier border and then do the repeating pattern to interlock the grids. Below are six patterns from the Installation Guide. The dotted red line shows where to make cuts. Remember, for some patterns, you can place pavers in a line to create a border instead of cutting the grid (for example, Basketweave). Note: Herringbone and Running Bond patterns show where to cut a 4"x8" paver, but 4"x4" pavers are also available to avoid the need to cut 4"x8" pavers in half also providing a factory edge.

HERRINGBONE

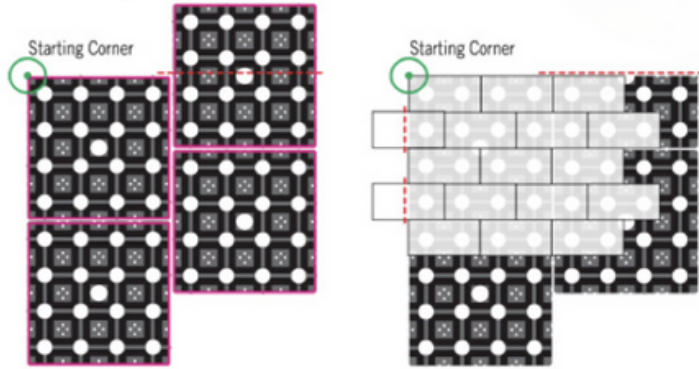


BASKETWEAVE

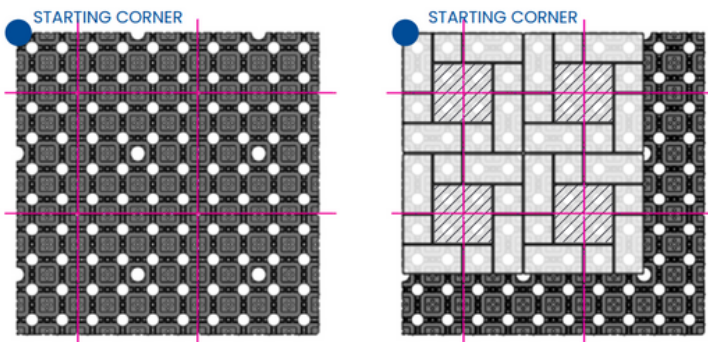


PATTERNS (CONTINUED)

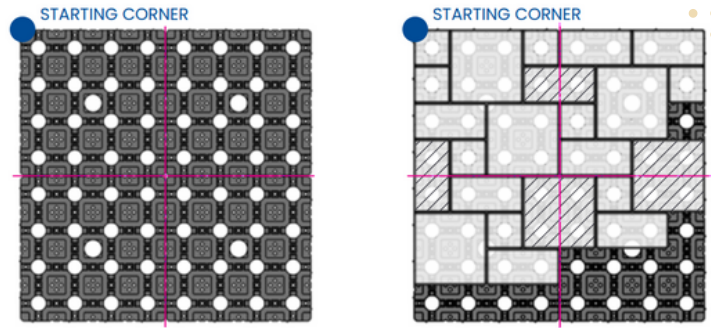
RUNNING BOND



PINWHEEL



PLAIN WEAVE

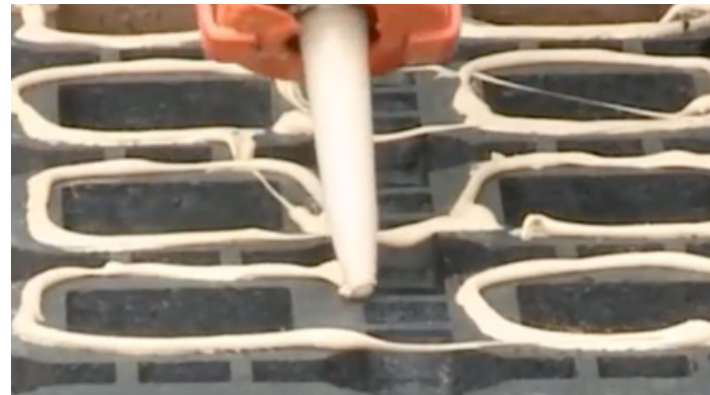


ADHERING PAVERS TO GRIDS

The pavers are loosely laid into the grid in the “field.” Around the perimeter, Aspire recommends adhering the pavers to the grids. The adhesive will keep the system snug and prevent the pavers from moving if someone steps on the very edge of the edge paver. For rooftop installation in high wind situations, the highest uplift pressure is at the corners and around the roof’s perimeter. For this reason, Aspire recommends adhering pavers 16” in from the parapet walls. Whenever pavers are cut to less than a 4”x4” size, we recommend adhering the cut paver to the top of the grids.

HIGH WIND TESTING

In hurricane zones and areas where high winds are expected, we recommend adhering all pavers to the grids. Aspire Pavers were tested in a rooftop application at an independent testing facility in southern Florida. Our basic installation (adhering pavers to the grids 16” around the perimeter) surpassed Category 2 hurricane wind speeds, and by adhering all pavers to the grid, the system surpassed Category 5 hurricane wind speeds.



ADHESIVE APPLICATION:

- Place a 1/4” bead across the top ribs of the grids.
- Place the pavers in the grid and press down firmly.
- Leave pavers undisturbed for the duration of adhesive curing time.
- A 28 oz. tube of adhesive will cover ~25 sqft of the paver system.
- Pro Tip: Use a pneumatic caulk gun to save time and labor.

RECOMMENDED ADHESIVES

Lexel Sealant is the recommended adhesive used in the hurricane test facility. TiteBond PROvantage Landscape Adhesive is another approved adhesive. Follow the adhesive manufacturer’s guidance regarding use, cleaning, and curing times.



RESOURCES

Check for updates to this and other [Technical Bulletins](#) on our [Resources Page](#). You can also visit our [Website](#) or our [FAQ page](#).

QUESTIONS

If you have any questions regarding Aspire products and accessories, call 844-290-4196 and ask for Technical Support.

Or contact us through the [Website](#).

