

SUMMARY

This bulletin provides guidance on the best methods for cutting Aspire grids and pavers, covering recommended tools and safety precautions. Always use appropriate personal protection equipment (PPE) and refer to full installation instructions when cutting and installing Aspire systems.

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SAFETY & PERSONAL PROTECTIVE EQUIPMENT (PPE)

When using any kind of saw or cutting tools, always prioritize safety. Wear safety goggles or face shields to protect your eyes from flying debris and hearing protection to reduce noise exposure. Use cut-resistant gloves to enhance grip and minimize hand injuries, but avoid loose-fitting gloves that could get caught in the blade. Always follow saw manufacturer's safety instructions.

CUTTING TOOLS

When using a miter saw, jig saw or circular saw, Brava recommends using a low tooth count wood ripping blade. Grids and pavers can also be cut with a table saw, band saw, or circular saw. Always wear PPE when cutting and avoid loose clothing and other hazards.

MITER SAW



24-36 TOOTH COUNT

JIG SAW



FAST WOOD CUTTING BLADE

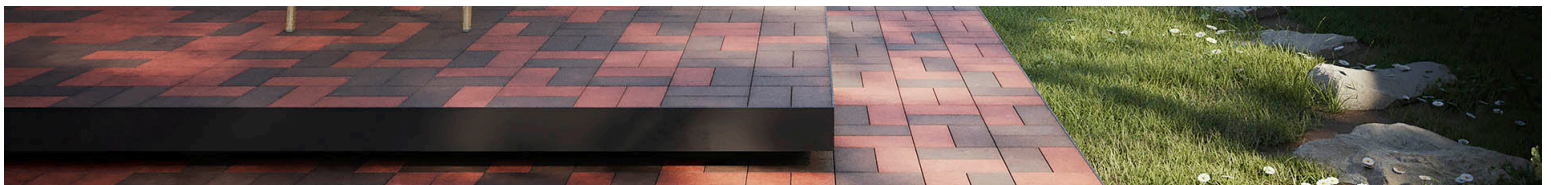
CIRCULAR SAW



FRAMING BLADE

WHEN TO CUT

The Aspire Paver System consists of 16" x 16" grids and pavers that come in four (4) sizes, 4"x4", 4"x8", 8"x8", and 16"x16". Most projects will require cutting grids and pavers to fit the project footprint. This is especially true for a rooftop, balcony, or resurfacing application where the space is defined by walls, railings, or concrete slab with existing landscaping around it. With an in-ground application, it is easier to define the dimensions of the project to use full grids and pavers without cutting.



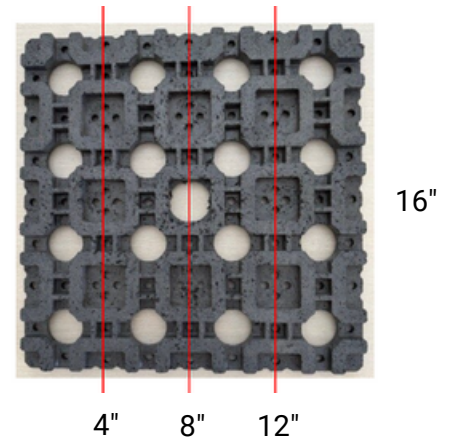
WHERE TO CUT

GENERAL:

The grid repeats the pattern every 4". The easiest place to cut a grid is at 4", 8", or 12". It's important not to use cut grids that are less than 1/4 of a full grid.

WALLS & RAILINGS:

When approaching a wall or railing, you will often need to cut the grid either ½" from the wall (to allow for expansion) or 1" from the edge of the roof under the railing (to allow for the bullnose overhang). At the wall, cut both the grid and paver at the same spot so the paver is fully supported by the grid underneath. When going under a railing and using a bullnose paver, either place or cut the grid 1" from the roof edge to allow room for the bullnose overhang. You may also need to cut the next paver in the field to butt up against the bullnose paver.



MINIMUM CUT GRID SIZE

The minimum cut grid size should be at least 1/4 of a full grid, or no smaller than 4" x 16" or 8" x 8". It is also important to have larger grids around the perimeter of your project. When you only need a little more grid to reach a wall or railing, it is recommended that you use two partial grids as opposed to one full grid and a small sliver of a grid. For example, if you have 19" to the wall, cut the internal grid to 8" wide and the external grid to 11".

HOW TO CUT

When cutting pavers, it is recommended to use a scrap piece of grid to stabilize the paver better and keep your hand further from the cutting blade. When cutting Aspire grids and pavers, use short cutting motions to avoid binding the blade.



ADHERING CUT PAVERS

Anytime you cut a paver, it is recommended that you adhere the paver to the top of the grid. This is especially important for pavers cut to less than 4".

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 full adhesive curing time.
- ~25 sqft coverage per 28 oz. tube of adhesive.
- Pro Tip: Use a pneumatic caulk gun to save time.

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](#).

