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MAGNIFICA®

bedrosians.com

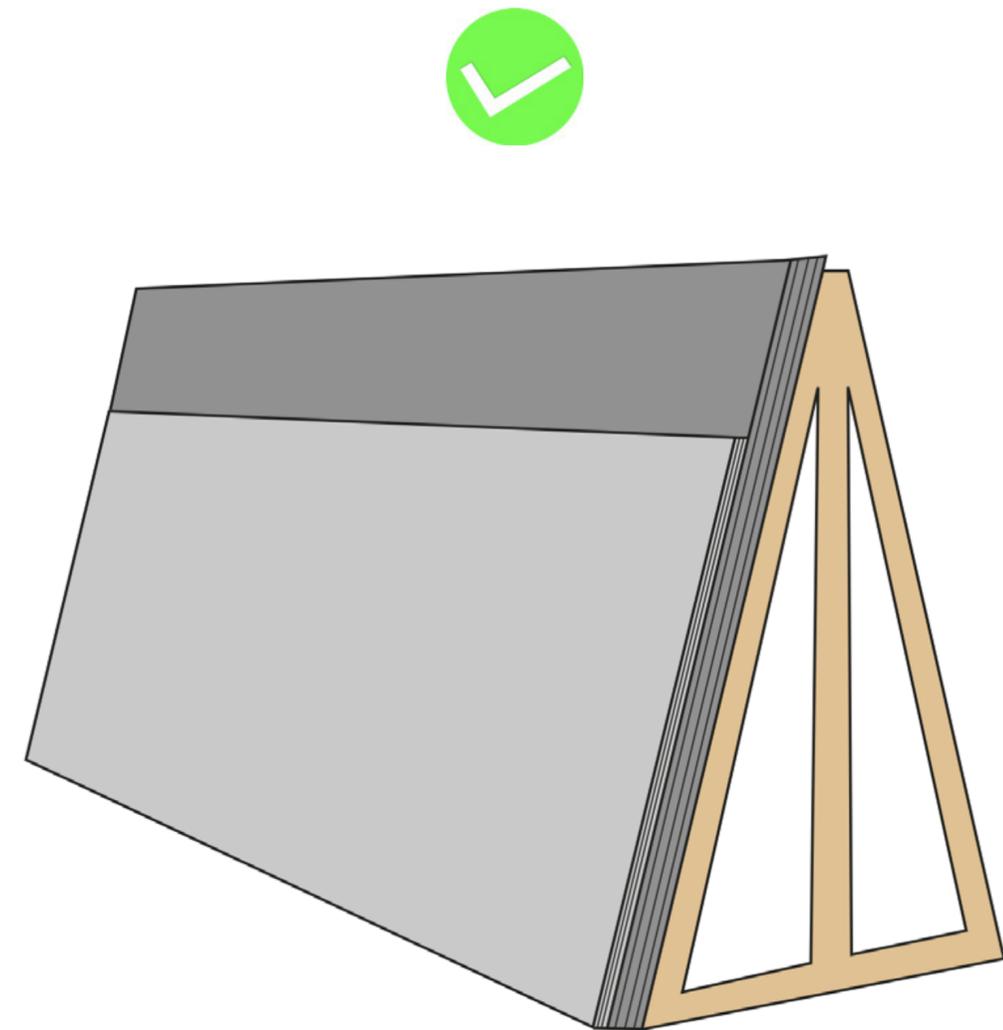
Unique Applications

- Counters, Floors, Walls, Shower Walls, Lids, Table Tops, Benches, Fireplace Surrounds, BBQ's, everywhere!
- Exterior Walls, Facades, Floors (Honed), and Counter Tops
- UV Stable – Use Outdoors
- Furniture Facings
- Integral Sinks
- Freeze – Thaw Stable
(Use in Extreme Conditions)



Storage

- When storing vertically, use a secure A-Frame that is anchored firmly to the ground.
- We recommend using a backer slab or other full coverage support, to provide additional support and stability.
- Magnifica can be stored outside.
- Avoid storing slabs in pole racks. Only store on secure A-Frames with proper backing that supports the entire slab.
- Magnifica slabs should never come in direct contact with metal on A-Frames or any storage equipment. Use wood, plastic, or rubber as a barrier to avoid coming in direct contact with any metal.



Pre-Fabrication Inspection

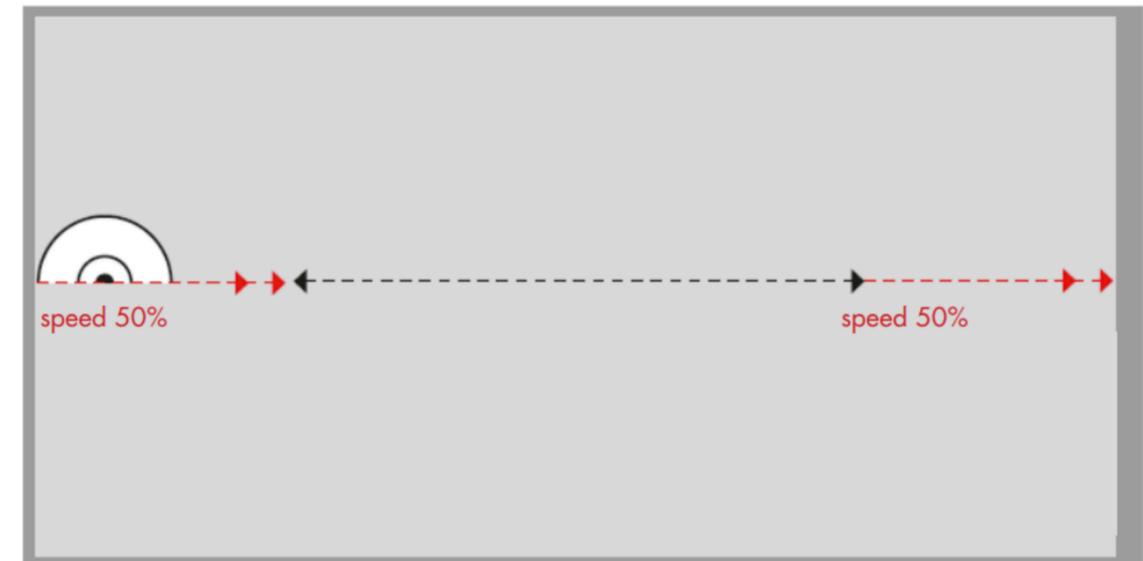
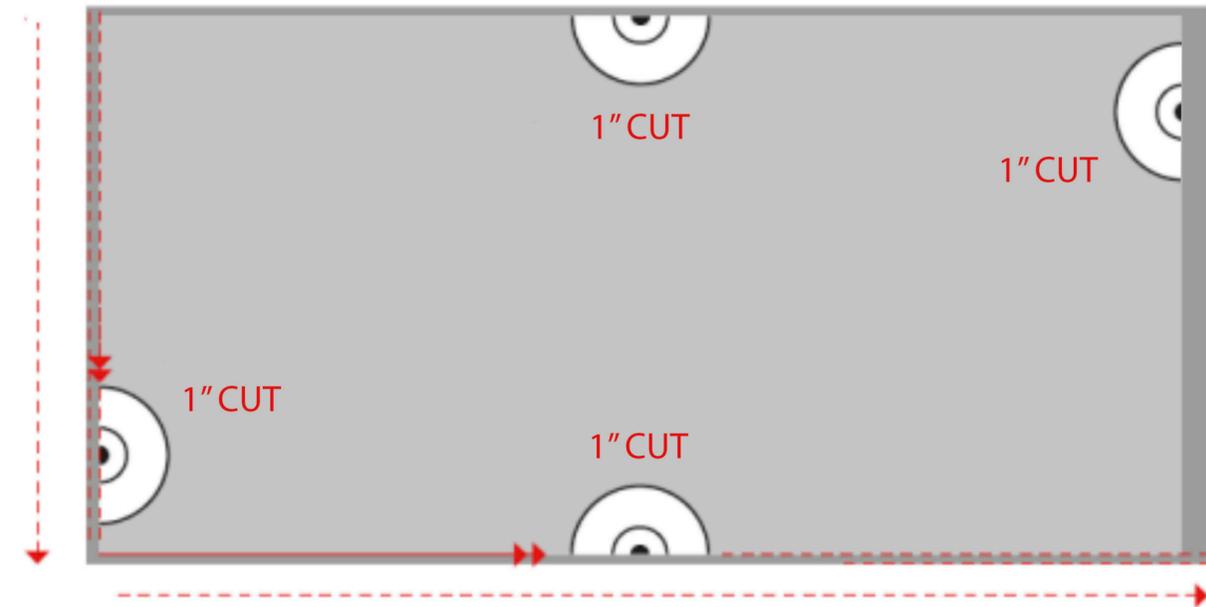
Prior to fabrication, closely examine the material for any flaws. If any imperfections are found, do not cut or fabricate the slab.

- Addressing any concerns beforehand is crucial before proceeding with the material cutting, as the act of cutting signifies acceptance.
- Clean the slabs.
- Check the slabs for color, voids, chips, or other defects.
- Check the thickness (12MM).



Release the Tension

- All 12mm slabs MUST be rectified by the fabricator first before another cut(s) is made.
- Minimum of 1" relief cut on all 4 sides is MANDATORY.
- Cut the long sides first, then cut both short sides.
- Start cuts at a slow speed and finish cuts at a slow speed.
- No drop in cuts or plunge cuts.



Water Jet Cutting

- 1/4" cement board to create a flat surface under the material is recommended.
- All slabs **MUST** be rectified by the fabricator first before any other cuts are made.
- A minimum of 1" relief cut on all 4 sides is **MANDATORY**.
- Cut the long sides first, then cut both short sides.
- Pierce the material at low pressure.
- Recommend cutting pilot holes in all 4 corners of cutouts to release any pressure.
- 80 grit sand is recommended.



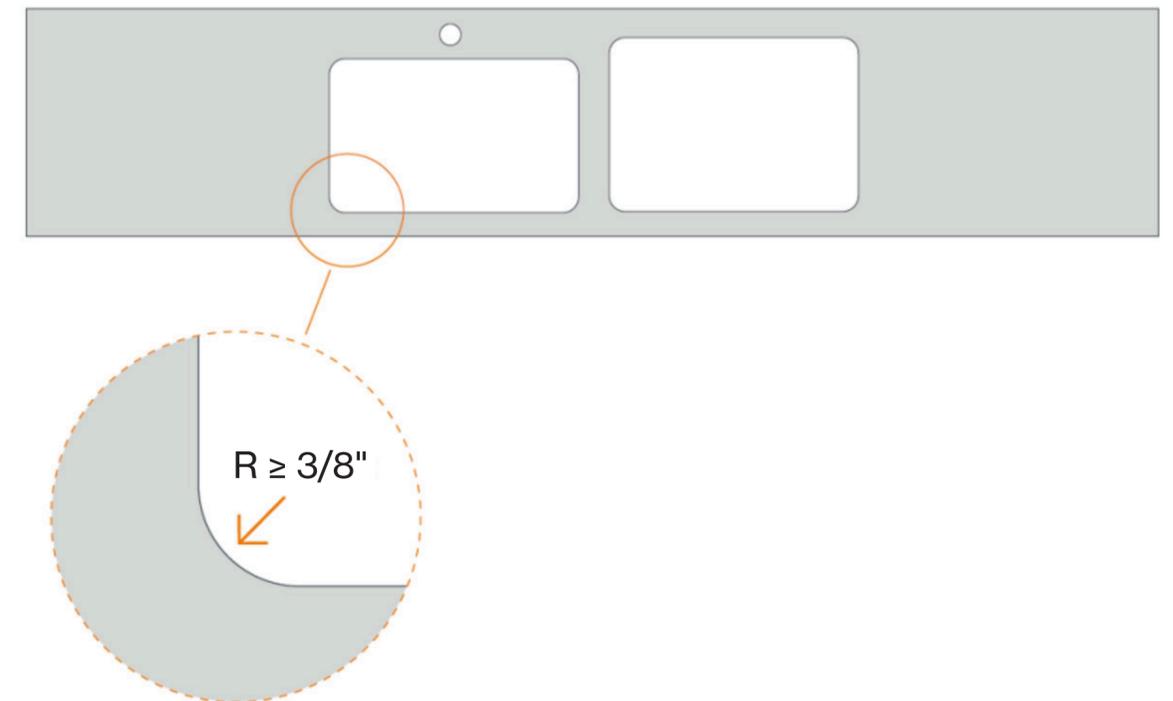
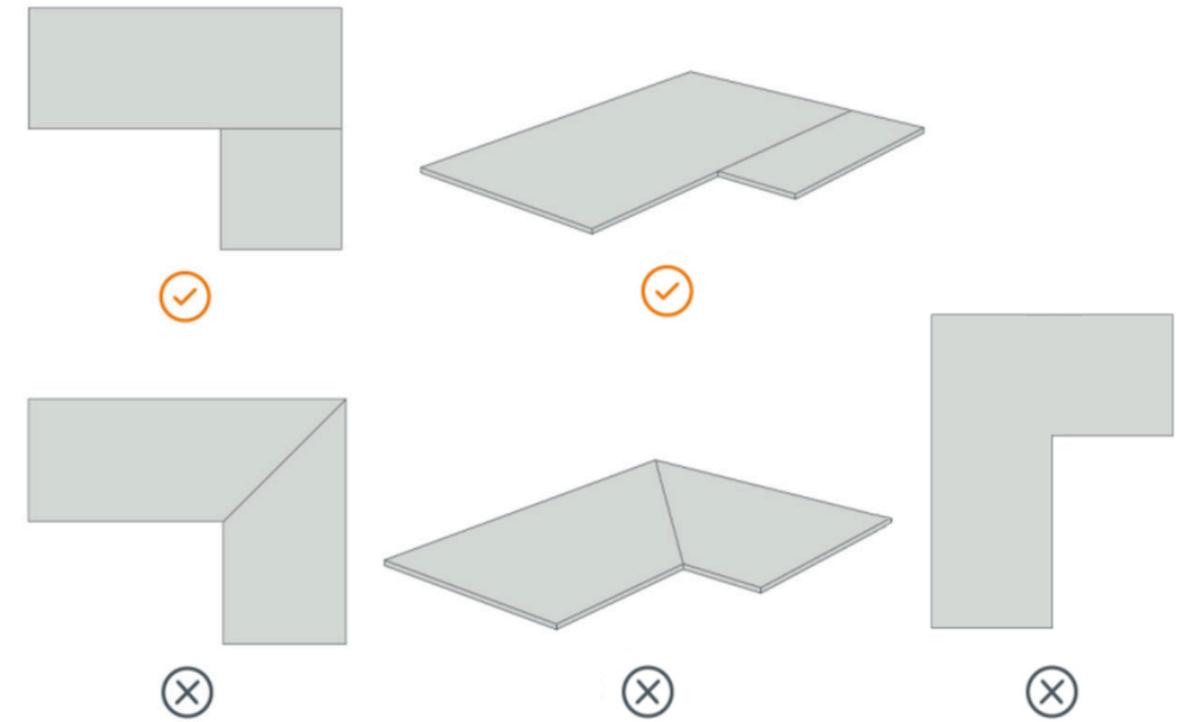
Bridge Saw Cutting

- Only use a blade for Porcelain.
- Check the cutting surface is perfectly flat and without residues.
- Check that the support is sufficiently resistant to prevent any possible breakage.
- Use the max water possible for cooling the slab being cut and to make sure the flow is directly on the cutting area.
- Sharpen the blade frequently.
- See the recommendations of the blade manufacturer for RPM's and speed per minute.



Fabrication & Cut Outs

- Always wet cut and polish, never work on Magnifica dry.
- Put all pieces together in the shop on tables to match edges and to check all pieces are correct to measurements before taking out to install.
- Edge Detail Options:
 - Miter
 - Flat Polished
 -
- All L-Shapes should be avoided and any 90 degree corners need a minimum radius of 3/8", including sinks, cooktops, & outlets.



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Fabrication & Cut Outs (Continued)

- All sinks and cooktops should start with minimum 1" pilot holes on ALL 4 corners.
- Never use a torch or heat source on Magnifica.
- Always have & use your PPE.
- When gluing miter returns, always grind the edges to make them rough. Then clean with acetone before applying epoxy.
- Pigment needs to match the background color of Magnifica, not the face.
- Make sure all pieces are dry before gluing.
- After the epoxy is dry, radius the top edge 1/8" to avoid chipping, also recommend 3/16" radius or bevel on undermount sinks and backsplashes.



Transportation & Safety

- All Magnifica products should be transported to jobsite on a properly rated A-Frame.
- Never transport Magnifica flat in the back of a truck or van.
- Ensure all pieces are properly supported when transporting.
- Always load your edge detail pieces up, not putting all the weight on the mitered apron.
- Always have and use your PPE.



Installation

- Magnifica is a large format porcelain tile and should be installed like tile.
- Magnifica is recommended to be installed with a mortar & not with silicone.
- Mortar is to always be notched the same direction on the substrate and the back of the Magnifica, with no "spot" setting. Both the slab & substrate need 100% full coverage.
- For wall and floor installation standards see ANSI A108.19 for interior and A108.20 for exterior vertical and overhead standards.
- Maximum allowable variation in flatness for ALL surfaces is 1/8" in 10 feet, and 1/16" in 2 feet from the required plane when measured from the high points in the surface.



Seams & Grout Joints

- Magnifica should be seamed the same way as quartz and stone counters. Pigment color should match the face of the material.
- Excessive polishing of seams could result in penetration of screen print.
- For counter do not use common items like razor blades to check for seam flatness.
- Seam Setters (or the like) need to be used to ensure flatness on counters.
- Micro bevel your material to avoid chipping at the seams & grout joints.
- Grout joints of 1/16" is for interior walls & to be filled with epoxy grout.
- Grout joints of 1/8" for exterior walls and counters to be filled with epoxy grout.



Routine Cleaning

Specific cleaning and maintenance requirements vary depending on the tile's surface and texture and any present contaminants. Below are some general cleaning and maintenance guidelines.

- For ongoing maintenance, sweep or vacuum the tiles.
- Clean the tiles regularly with a pH neutral cleaner and rinse with clean water. Use only neutral, non-abrasive and non-acidic cleaners. Avoid use of any harsh cleaning product that contain bleach or acidic chemicals. Acid-based cleaners and harsh chemicals may etch the surface of the tile, especially tiles with polished or honed finishes.

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Routine Cleaning (Continued)

- It is important that the cleaner is a non-oil, non-soap and non-animal fat based product. These products act like a magnet, attracting dirt and dust.
- Always test cleaning solutions on a small inconspicuous area before proceeding to clean the entire surface area.



Tips from the Trade

- Substrate prep is a critical key factor for a successful installation. Take the proper time to ensure the substrate is prepped properly for install.
- Use products & tooling specified for large format porcelain.
- Layouts and seam placements should be viewed and approved by the client prior to fabrication.
- Take your time with porcelain. Quality comes with patience & passion.
- For any technical questions, training inquiries, or any other questions please reach out to your local Bedrosians Branch or Representative.





IMPORTANT: Installation Instructions

We recommend wet cutting or the score and snap method during the installation process. Improper installation techniques could expose installer to inhalation of harmful silica dust.

Do not dry cut product using power tools during the installation process. Using dry cutting methods could present a risk of acute lung injury. If adequate ventilation cannot be achieved, wear a mask or respirator. For more information, see the SDS at www.bedrosians.com/en/installation-care-maintenance/.





Please Note

If you have any questions, contact productwarranty@bedrosians.com before cutting or installing tiles. Please visit [Bedrosians.com](https://www.bedrosians.com) for full product details and approved applications. Reference the most current ANSI and TCNA Handbooks for current industry installation standards. Improper installation, care and/or maintenance voids warranty.



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