

## Installation Guidelines

Prior to cutting, remove the clear plastic covering and use the Visual Inspection sheet as a guide, and closely examine the slab for any flaws. If any imperfections that cannot be avoided in fabrications are found, stop, and contact Architectural Surfaces. For more complete information please see our web page at: <http://pentalquartz.com/> \_\_\_\_\_ Initials

## Fabrication

- ✓ Always wet cut and wet polish.
- ✓ Always leave 1/8" clearance on all sides of sink/cook top cut outs.
- ✓ Always use a diamond pad.
- ✓ Always radius inside corners to a minimum diameter of 3/8".

## Lamination

- ✓ Be sure to grind edge to an even finish.
- ✓ Before applying glue, clean both surfaces with compressed air and denatured alcohol.
- ✓ Notch and groove both pieces to allow for glue.
- ✓ The addition of pigments/colors to adhesive can help minimize seam appearance.

## Installation

- ✓ All mounting surfaces are to be flat and true to within 1/16" /10'
- ✓ Full support must be provided around the entire perimeter.
- ✓ For 3cm material, additional support is required for all overhangs that extend more than 12".
- ✓ When adhering to the supporting structure, flexible 100% silicone should always be used.
- ✓ Around the perimeter, spacing between dabs of adhesive should not exceed 12".
- ✓ Never install mechanical fasteners into PentalQuartz.
- ✓ Regular and XL size slabs should not be seamed together without visual verification of color match.
- ✓ Allow 1/16" /5' length minimum clearance between the wall and top.
- ✓ Front to back support, where needed, should be installed with the distance between any 2 supports not exceeding 3'.
- ✓ For 2cm material, additional support is required for all overhangs that extend more than 8".
- ✓ Use a flexible adhesive when jointing 2 pieces.
- ✓ Joints and corners require additional adhesive, with dabs not to exceed 5" apart.
- ✓ Grooves must be made on seamed edges, to provide for glue.
- ✓ Pental Quartz should be stored between -4° - 54°C (25°-130°F)

## Storage

- ✓ Vertical storage is recommended when storing
- ✓ Slabs should be stored so that the finished face is not exposed to the sun, preferably stored "face to face"

## Honed & Satin Finishes

Signing this document acknowledges that you fully understand the unique characteristics of honed and stain finishes; that they will be more likely to show scuffs, marks, and fingerprints, and will require more frequent or intense cleaning and maintenance to keep it free from marks. It is the responsibility of the dealer/fabricator to inform the homeowner/end user of these unique characteristics and maintenance requirements for honed and satin finishes.

## Safety

Architectural Surfaces encourages a safe work environment, both for your employees and your customers. Follow manufacturers' guidelines for maintenance of all equipment, and be sure that all safety features are fully functional. Only trained personnel should operate any tool or machine. Use the right tool for the job. Never force a tool, or try to use a tool for a job it was not designed to perform. Keep fabrication and installation areas clean and free of clutter. Always be aware of the work environment; don't work where it could put you or someone else in danger. Always wear appropriate clothing and PPE (personal protective equipment) such as: eye protection, gloves, and ear plugs. Do not operate any equipment if you are in an impaired condition. When moving PentalQuartz, use a forklift or other mechanical device, if possible. If carrying, be sure to have enough people to transport safely. If using toxic or flammable materials be sure to fully follow the safety guidelines outlined by the manufacturer for proper use and storage.

*The fabricator/customer will follow all guidelines and recommendations put forth in our PentalQuartz Fabrication/Installation manual.*

I have read and understand the above, including how to access more detailed on line information.

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
COMPANY

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE