

Basix Quartz Surface Countertop Support

This technical bulletin addresses the support standards for installing Basix Quartz Surface for countertops. Failure to adhere to these standards will void the Basix Warranty.

General Requirements

- Install Basix Quartz Surface over a stable structure. Moisture resistant wood or metal are the preferred support materials.
- Support structure must be level within 1/16" over a 10' span.
- Provide a minimum of 1/16" gap between Basix Quartz Surface and wall.
- Secure the countertop to the support structure with a flexible 100% silicone adhesive using a 1/16" to 1/8" bead.
- Do not use metal fasteners (screws, nails, etc.) with Basix Quartz Surfaces. Brass inserts or equivalent may be used.
- Do not install Basix Quartz Surface over old countertops.
- It is acceptable to use a full substrate to support Basix Quartz Surface countertops.
- Do not use substrates such as Particle Board, Flake Board, OSB, or other non-moisture resistant products.
- Support requirements listed are based on a maximum applied load of 140 lbs.

Support Requirements

- Support structures with support on 4 sides requires no additional support if the following conditions are met. If dimensions are exceeded, support is required every 36".
 - Countertop depth < 26"
 - Countertop length < 118"
- Support structures with support on 3 sides (dishwashers, desks, frameless cabinets, etc.) require additional support.
 - 2CM with countertop depth < 26" requires support every 24".
 - 3CM with countertop depth < 26" requires support every 36".
 - 2CM/3CM with countertop depths > 26" requires support every 24".
- Overhangs require additional support.
 - The overhang cannot exceed 1/3 of total countertop depth.
 - 2CM
 - Up to 12" requires no support.
 - For > 12" up to 18" use 3/4" plywood or metal frame with corbels spaced at 36".
 - For > 18" up to 24" use 3/4" plywood or metal frame supported by legs or columns.
 - 3CM
 - Up to 15" requires no support.
 - For > 15" up to 24" use 3/4" plywood or metal frame with corbels spaced at 36".
 - For > 24" up to 36" use 3/4" plywood or metal frame supported by legs or columns.