

Fabrication Manual Addendum for 1/2" PaperStone

About PaperStone

- PaperStone is NOT inert. It needs to breathe or it can cup or pull away from the substrate to which it is adhered if moisture is introduced.
- PaperStone does not perform well with anchors that need to be glued in place because it is non porous and the glue does not adhere to the PaperStone.

Horizontal Applications

- Horizontal applications, like countertops should use 3/4" or thicker PaperStone. If 1/2" must be used, special considerations must be taken based on the application, including special fasteners, edge details, and joint treatment.
- 1/2" PaperStone **should** be installed on strips or base cabinetry with supports every 12", NOT adhered directly onto a solid substrate. Moisture can get trapped on one side of continuous substrates and may cause the material to cup or curl. In an ideal indoor environment, temperature and humidity would stay constant and not cause an issue, but circumstances are never perfect. Environments where liquids are being dispensed and not properly cleaned up can also cause moisture to reach the substrate, and cause the same cupping issue.
- Keep Nut fasteners can be used to prevent cupping in 1/2" material. These are mechanical fasteners similar to a wall anchor that do not require glue to stay attached to the PaperStone. Keep Nut fasteners include an insert that goes into a predrilled hole and have "crowns" that fan out into the PaperStone, like a wall anchor, creating a physical bond with the material.

Vertical Applications

- See PaperStone Cladding Guide