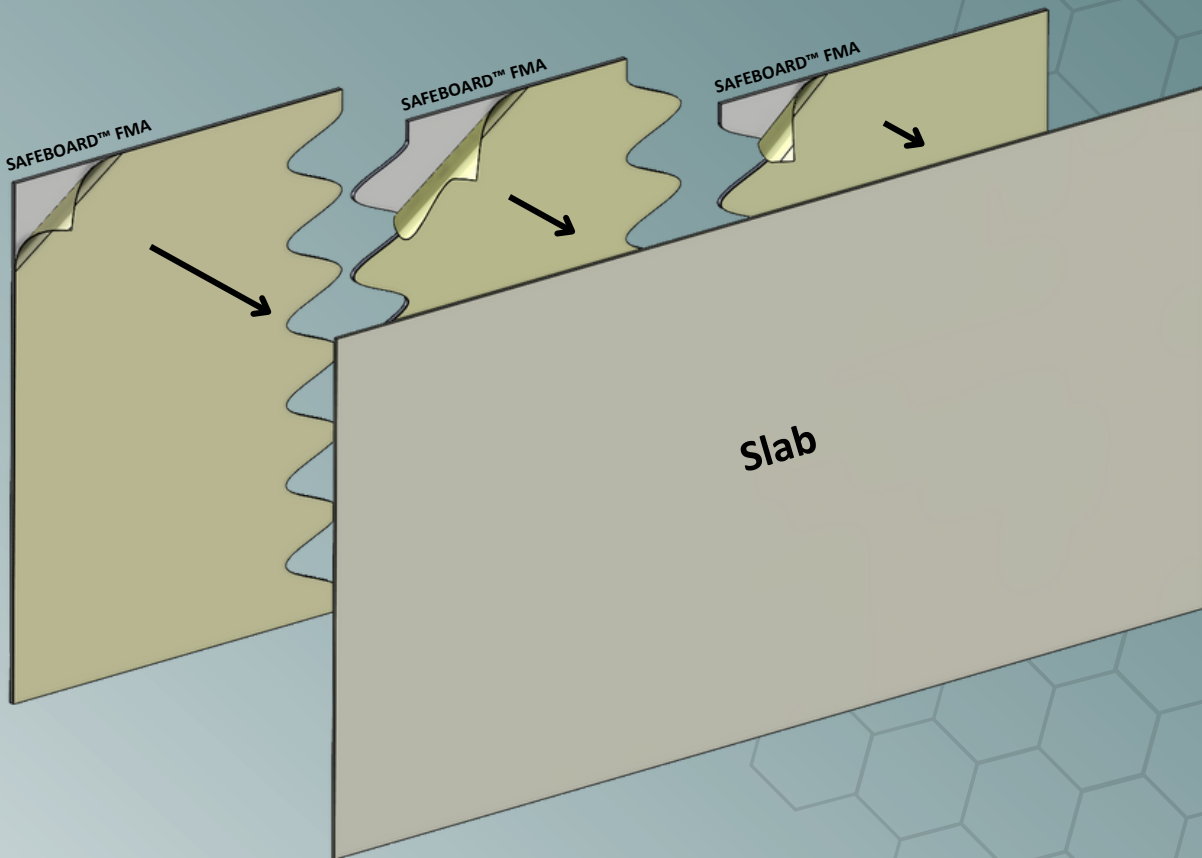


SAFEBOARD™

FMA

FOAM MANUFACTURING ASSIST



INSTALLATION GUIDE



Step-By-Step Guidelines



1) Open your box of FMA. If necessary, cut the FMA panel to the correct size for the slab. FMA comes in various sizes:

- 65" x 128" x 10mm (3 pieces)
- 65" x 128" x 15mm (3 pieces)
- 65" x 136" x 15mm (4 pieces)

FMA can be cut with a jigsaw, table saw, circular saw, or score-and-snapped.



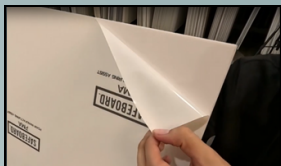
2) Mount the slab on an A-Frame, on top of an oversized and rigid "backer slab" (granite, engineered stone) for extra support - this backer slab is necessary for Step #9. Ensure your slab is mounted in a position where it will be undisturbed for at least 24 hours - this is how long it will take Quick Stick adhesive to fully set.



3) Scrape any debris off the bonding surface of the slab. Next, wipe with cleaning agent to ensure Quick Stick adhesive bonds correctly. **Quick Stick requires a clean and dry surface for bonding.** We recommend wiping down with microfiber rags and Isopropyl Alcohol, then blowing off remaining debris with a blower.



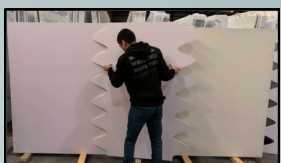
4) We recommend performing a "dry run" of the panels onto the slab before sticking them on. Lay the panels on the slab before removing the Quick Stick protective paper. This is to verify the fit is correct, the slab is straight, and there will not be any misplacement of the panels. Once the panels are set in the upcoming steps, they cannot be adjusted.



5) Peel the protective paper off of the Quick Stick side of either the left or right edge panel. Be sure the surrounding environment is free of dirt, debris, and water so that the Quick Stick adhesive does not get contaminated. Contamination will negatively affect the bonding strength.



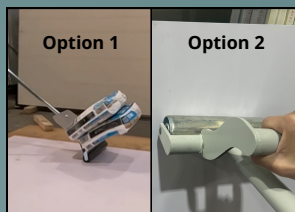
6) Place the first panel on the slab. Start by lining up the bottom edge of the panel with the bottom edge of the slab, and apply it to the slab by slowly moving upwards. Slightly flex the panel backwards while doing this. This is to prevent air gaps from being present under the panel.



7) Apply the second panel to the slab by lining up the wave edges with the first panel. Press onto the slab horizontally in one direction while slightly bending the panel to prevent air gaps.



8) Apply remaining panel(s) to the slab using the same method as the second panel.



9) Apply pressure to the FMA panels. We offer two options:

- 1) Lay the slab, porcelain side down, on a cardboard-protected floor or overhead saw table. Load a **SAFEBOARD™ Floor Roller** with 100lbs (2 bags of thinset) and roll over entire FMA surface.
- 2) If floor space is unavailable, leave the slab on the A-Frame with the oversized backer slab. Use a **SAFEBOARD™ Hand Roller** to apply at least 25 lbs pressing force over entire FMA surface.

Note that while both options provide sufficient pressure, option 1 provides the most *consistent* pressing force. **Quick Stick must be pressed to ensure a strong bond.**



10) Allow at least 24 hours for Quick Stick adhesive to fully set before fabrication. Quick Stick adhesive bonds fast enough to handle the assembly right after application, and the bond increases in strength over time. This additional strength is necessary for getting through intensive fabrication processes.

Important Remarks

- FMA is a reinforcement system that allows fragile slabs to be handled with greatly reduced risk. Still take extra caution when handling fragile slabs even after being reinforced with FMA.
- **Quick Stick is a pressure sensitive adhesive that requires a clean, dry bonding surface, and MUST be pressed thoroughly using a SAFEBOARD roller. Delamination may occur if these steps are not performed.**
- When fabricating porcelain and ceramic slabs, follow all porcelain manufacturer guidelines and porcelain fabrication best practices
- If FMA panels are not applied correctly to your slab or the slab produces too much debris when being cut, delamination can occur during fabrication. If delamination occurs, take the following steps:
 - Allow surfaces to dry.
 - Apply SAFEBOARD Seam Tape between delaminated foam and slab piece. The bond will cure within 5 minutes and the surfaces are now rejoined.
- If the delamination is large, break off the free hanging FMA panel and re-apply foam pieces as necessary using SAFEBOARD™ (FIA) Foam Installation Assist and SAFEBOARD Seam Tape.
- SAFEBOARD™ is not responsible for any results that may occur due to failure to follow these instructions and guidelines.
- **These guidelines are available in video format on our YouTube channel at https://www.youtube.com/@safeboard_pro**

What is SAFEBOARD™ FMA?

SAFEBOARD™ FMA stands for "Foam Manufacturing Assist". FMA is a high-density, rigid foam panel used to reinforce thin-bodied porcelain, sintered stone, and ultra-compact surfaces prior to transportation, fabrication, and installation processes. FMA is engineered to greatly reduce risk and prevent slab breakage during these intensive operations. The foam material absorbs shock and dampens vibration forces that would otherwise shatter fragile slabs.

What is SAFEBOARD™ Quick Stick?

SAFEBOARD™ Quick Stick is a pressure-sensitive adhesive that is pre-applied to FMA panels that makes for the quickest and easiest installation onto the back of a slab. Just peel off the protective paper, apply the FMA panel to your slab, and apply pressure. The initial bond has enough strength to handle the panels with ease, and fully cures after 24 hours.

What is SAFEBOARD™ Wave Tech™?

SAFEBOARD™ Wave Tech™ is a technology patented by SAFEBOARD™ that consists of panels with carefully engineered "wave" cut edges. When pieced together, Wave Tech™ panels span a large area such as 65"x128" and 65"x136". The joint between the edges of the Wave Tech™ panels is stronger than a straight cut, while providing ease of assembly.

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