

Technical Bulletin #36-A Key Cove Base Application of Mortar Over FRP Wall Panels

Key Resin recommends rigid cement board/tile backer board as a suitable wall substrate behind all Key Cove Base materials and primers. Though epoxy will bond to FRP that is thoroughly prepared with a grinder, adhesion will be less than what would be obtained with cement board/tile backer board, and potential flexural movement of the FRP panel may lead to disbondment resulting in the eventual formation of cracks in the cove base material. Also, it will be nearly impossible to grind a perfect, clean border, random grind marks are very likely to be visible above the top edge of the cove base. The cove base may also lose bond along the top edge, revealing a gap that would allow water to become trapped behind the base. This would require application of a urethane joint sealant to keep that sealed.

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