



## Tiling over Existing Tile Technical Bulletin

### Category: Tile Installation

### Keywords: Thin set, Surface Prep

Floor tile applications over existing tile substrates.

Before starting any tile over tile installation it is strongly suggested that existing tile be removed to expose the original substrate. This process is important so the substrate it can be examined, repaired, properly detailed, or replaced. If the original substrate that is exposed is a water absorbed mud-bed - Complete demolition and removal is recommended.

Recommendations for tile installation without existing tile removal:

- ◆ Degrease and clean the existing tile surface completely, rinse and allow entire surface to dry.
- ◆ Remove all loose tile or grout sections. Repair sections with Merkrete ProPatch Plus or Underlay C for larger areas.
- ◆ Diamond grind with metal bonded cut diamonds or steel shot blast to remove all existing tile glaze and contaminates as well as mechanically profile the existing tile. (Sanding Discs are not sufficient).
- ◆ Vacuum all dust from surface.
- ◆ Once surface is a clean of all contaminates, profiled and porous; make a slurry coat with Merkrete 200 Latex Additive and Merkrete 211 Filler. Use a brush to apply slurry bond or "Key" coat to the entire surface. For multiple substrates or unknown tile types use Merkrete 626 Primer as the key coat – substrate conditioner. Merkrete 626 Primer will also aid in crack prevention.
- ◆ Installation of new tile can start once the slurry coat begins to set (approximately 2- 4 hours). Note: Follow thin-set type and application methods per manufacture and TCNA recommendations.

Verify the tile type and environment for Merkrete exact Thin-Set Recommendation.

Good	For tiles less than 15.5" in any direction	Merkrete 735
Better	For tiles less than 15.5" in any direction	Merkrete 200/211 Two Component System
Best	For tiles more than 15.5" in any direction	Merkrete 855 or 856

If you have any questions or require additional information, please feel free to contact the Parex USA Technical Department at (800)226-2424.

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