



# CROSSVILLE®

## Porcelain Tile Panels

crossvilleinc.com

### Membranes for use with Crossville 5.6mm Porcelain Tile Panels

Always refer to the manufacturer's requirements for system information and details.

#### Rating

Manufacturer	Residential	Light Commercial	Heavy Commercial
Ardex	8+9	8+9	8+9
Blanke	Permat	Permat	Permat
Bostik	Ultraset Advanced Gold Plus	Ultraset Advanced Gold Plus	Ultraset Advanced Gold Plus
Custom	RedGard RedGard SpeedCoat Custom 9240	RedGard RedGard SpeedCoat Custom 9240	RedGard RedGard SpeedCoat Custom 9240
Laticrete	Fracture Ban Strata Mat Hydro Ban	Strata Mat Hydro Ban	Hydro Ban
Mapei	Mapelastic AquaDefense Mapeguard UM Mapeguard WP200 Mapelastic CI	Mapelastic AquaDefense Mapeguard UM Mapeguard WP200 Mapelastic CI	Mapelastic AquaDefense Mapelastic CI Mapelastic Turbo
NAC Products	SuperSAM ECB SubSeal	ECB SubSeal	SubSeal
Schluter	Ditra Ditra XL Ditra Heat	Ditra Ditra XL Ditra Heat	
TEC	HydraFlex	HydraFlex	HydraFlex

Membranes by their nature are more compressible than tile, thin-set, and the substrate to which they are applied. When exposing any tile installation, but especially where a membrane is part of the system, it is advisable to use 3/4" plywood or similar to disperse heavy loads, heavy rolling loads, and weights concentrated in small areas like small legs of equipment or furniture. This applies to exposure to heavy loads such as during move-in of heavy equipment or furniture, movement of heavy loads via pallet jack or similar device, and/or scissor lifts and similar equipment. Load dispersion can also be effective at mitigating excessive, and possibly harmful, deflection due to increased load in wood framed construction. Failure to use load dispersion like plywood or other means can result in cracking of the tile or grout joints.

ANSI A108.19 section 7.3.2 states "When concentrated loads (scissor lifts, pallet jacks, automobiles, forklifts, etc.) will be used on tile floor, the engineer and/or specifier shall specify a suitable layer of protection to accommodate concentrated loads".