

Mortars/Adhesives	Application/Use	Limitations
911 Thinset (Non Modified)	Leveling bed for cement board to plywood; adhere quarry tile to concrete. (Mix with 948 for Porcelain tile)	Not over plywood . Not over vitreous or porcelain ceramic tile when mixed with water.
911 w/948 PST Latex System (Premium)	Excellent for porcelain + glass tiles. Highest bond strength available to adhere ceramic tile to concrete or exterior grade plywood: install over properly prepared cutback(see TB#102). Recommended with in floor heat systems	Not over asphalt sheeting, vinyl covered wallboard, Masonite, metal, glass.
914 M-Flex Strata (Best Polymer Modified)	Latex/Polymer modified to adhere ceramic tile to concrete or exterior grade plywood, including porcelain; install ceramic tile over properly prepared cutback (see TB#102)	Not best for adhering porcelain over substrates that deflect. Also see 948 limitations.
918 M-Bond (Better Polymer Modified)	Exterior grade plywood Latex/Polymer modified thinset to adhere ceramic tile to concrete, typical contractor grade.	Not best for adhering porcelain over sub-strates that deflect. Also see 948 limitations.
917 Multi-Set (Good Polymer Modified)	Economical polymer modified thinset to adhere ceramic tile to concrete	Not for adhering porcelain. Also see 948 limitations.
908 QuickCure	Polymer modified fast setting thinset for commercial or residential use over exterior grade plywood or concrete	Also see 948 limitations.
929 Pro M-Lite	Exterior grade plywood polymer modified, Non-Sag, Medium bed mortar (setting bed up to 3/4" thick), light weight (30 lbs covers same as 50 lbs)	Not over asphalt sheeting, vinyl covered wallboard, Masonite, metal, glass.
1002 Mastic Permabond	Type I and II mastic for wall tile and mosaics.	Not over strip wood surfaces, wallpaper, Masonite, metal, particle board, luan plywood

Grout	Application/Use	Limitations
923 MP Non-Sanded	Polymer modified-for small joints not exceeding 1/8" in width	No areas requiring high acid resistance
924 MP Sanded	Polymer modified-for joints 1/8"-1/2" in width	No areas requiring high acid resistance
925 Supreme LG	Super Bright white non-sanded - for small joints not exceeding 1/8" in width	No areas requiring high acid resistance
931 ColorSet Epoxy	100% Solids - for setting and grouting ceramic tile and green marble, acid and alkaline resistant, floor and wall use (See epoxy grouting tips sheet)	No areas exceeding 250 degrees
932 EverWhite Epoxy	100% Solids - use for setting and grouting ceramic tile	No areas exceeding 250 degrees, vertical surfaces only

Floor Preparation	Application/Use	Limitations
Floor Patch 969 Unilayment FastSet	Fast setting floor patch-feather edge to 1/2" over plywood or concrete. For embossing use 968 additive	Not over gypsum based surfaces, adhesive residue, paints particle-board, plastics, vinyl, epoxy or urethane.
989 ProFinish	Fast setting floor patch, featheredge to 3". Interior & exterior. Use over concrete, ceramic tile, exterior grade plywood, sheet vinyl, prepared cutback (see data sheet)	Not over gypsum based surfaces, adhesive residue, paints particle-board, plastics, vinyl, epoxy or urethane.
Self-Leveling Cement 951 LevelCure LCB	Liquid cement mortar bed self-leveling underlayment 1/8" to 1" in one pour can be used over exterior grade plywood or concrete	Not over gypsum based surfaces, adhesive residue, paints particle-board, plastics, vinyl, epoxy or urethane.
961 LevelCure SLU	Self-leveling cement underlayment featheredge to 3/8" in one pour can be used over exterior grade plywood or concrete	Also see 951 limitations.
943 LevelCure Primer	Bonding agent and fortifying admixture for self-leveling cement	Not recommended for showers or steam rooms
Waterproof/Anti-Fracture/Elastomeric 963 ProRed	Water based. Slab on grade moisture barrier for resilient flooring. Waterproofing and anti-fracture membrane for ceramic tile and stone. Interior & Exterior. Over Concrete or gypsum with in floor heat systems, shower pans and steam rooms.	Not over substrates subject ceramic tile to hydrostatic pressure. Not over 1/8" thick. Not a wear surface or patching material.
971 UltraCure	Cement based, waterproof, elastomeric anti-fracture ceramic tile fracture membrane. Interior exterior.	Not a wear surface or patching material. Do not apply over wet surfaces or surfaces subject ceramic tile to hydrostatic pressure.
Specialty Mortar & Crack Isolation 916 UniFlex	Elastomeric dry-set mortar & anti-fracture membrane to span cracks in concrete. Excellent flexibility & adhesion to many surfaces (see data sheet), good over truss systems. Interior & exterior use.	Not over asphalt sheeting, vinyl covered wallboard, Masonite, glass, plastic, particleboard, cushion back flooring. Do not apply over wet surfaces or surfaces subject ceramic tile to hydrostatic pressure.

NOTE: Concrete substrates should be free from oil, grease, dirt, sealers, curing compounds and coatings. Refer to product directions for further information.