

Thin Sets Product Selection Matrix



	Engineered Performance Series		Polymer Modified Series				Polymer Modified Specialty Series				Non-Polymer Modified Series	
	Permalastic™ System	Permalastic™ Rapid System	Superior PermaFlex® 600	PermaFlex® 500	PermaFlex® 400	PermaFlex® 300	StayFlex® 590	Quick PermaFlex® 570	Medium Bed PermaFlex® 550	PermaFlex® Lite 525	PermaSet® 275	PermaSet® 200
DESCRIPTION	Two-component highly flexible, mortar	Two-component highly flexible, rapid setting mortar	Premium thin set bridges 1/8" cracks	Installs glass tile	General purpose thin set for use over plywood	Best value for installing porcelain over concrete	Slip resistant formula for large, heavy tile	Fast-setting; grout in 2-4 hours and open to traffic in 4-6 hours	Overcome substrate and tile irregularities	Lightweight technology in a non-slump formula	Wall or floor applications	Floor applications over concrete substrates
ANSI STANDARDS	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.4 ANSI A118.11	ANSI A118.1 ANSI A118.4* ANSI A118.11*	ANSI A118.1 ANSI A118.4* ANSI A118.11*
ISO PERFORMANCE CHARACTERISTICS	C2-E-S2-P2 1 - Normal adhesion (minimal use) 2 - Improved adhesion (higher traffic) C - Cementitious F - Fast setting T - Slip resistant E - Extended open time P - Plywood adhesion S - Deformable (flexible)	C2-F-S2-P2 • Improved adhesion • Extended open time • Improved flexibility • Improved plywood adhesion	C2-E-S1-P2 • Improved adhesion • Extended open time • Flexible • Improved plywood adhesion	C2-E-S1-P1 • Improved adhesion • Extended open time • Flexible • Plywood adhesion	C2-P1 • Plywood adhesion	C2 • Normal adhesion	C2-E-T-S1-P1 • Improved adhesion • Extended open time • Slip resistant • Flexible • Plywood adhesion	C2-F-S1-P1 • Improved adhesion • Fast setting • Flexible • Plywood adhesion	C2-S1-P1 • Improved adhesion • Flexible • Plywood adhesion	C2-E-T-S1-P1 • Improved adhesion • Extended open time • Slip resistant • Flexible • Plywood adhesion	C1 • Normal adhesion C2-E-P1-S1* • Improved adhesion • Extended open time • Flexible	C1 • Normal adhesion C2-E-P1-S1* • Improved adhesion • Extended open time • Flexible
INSTALLS WHERE	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls or Floors	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR Walls or Floors	INTERIOR / EXTERIOR Walls, Floors, Ceilings	INTERIOR / EXTERIOR* Walls or Floors	INTERIOR / EXTERIOR* Walls or Floors
INSTALLS WHAT												
Agglomerates (marble & quartz based)	•	•	•	•	•	•	•	•	•	•	•	•
Ceramic tile	•	•	•	•	•	•	•	•	•	•	•	•
Clay bodied tile	•	•	•	•	•	•	•	•	•	•	•	•
Glass tile	•	•	•	•	•	•	•	•	•	•	•	•
Dimensionally stable marble	•	•	•	•	•	•	•	•	•	•	•	•
High bottom lugged tile	•	•	•	•	•	•	•	•	•	•	•	•
Large format porcelain or stone	•	•	•	•	•	•	•	•	•	•	•	•
Natural stone	•	•	•	•	•	•	•	•	•	•	•	•
Pavers	•	•	•	•	•	•	•	•	•	•	•	•
Porcelain tile	•	•	•	•	•	•	•	•	•	•	•	•
Quarry tile	•	•	•	•	•	•	•	•	•	•	•	•
Slate	•	•	•	•	•	•	•	•	•	•	•	•
INSTALLS OVER WHAT SUBSTRATE												
Cement or tile backerboard	•	•	•	•	•	•	•	•	•	•	•	•
Concrete	•	•	•	•	•	•	•	•	•	•	•	•
Cork underlayment	•	•	•	•	•	•	•	•	•	•	•	•
Countertops	•	•	•	•	•	•	•	•	•	•	•	•
Cutback adhesive	•	•	•	•	•	•	•	•	•	•	•	•
Drywall	•	•	•	•	•	•	•	•	•	•	•	•
Exterior grade plywood (interior only)	•	•	•	•	•	•	•	•	•	•	•	•
Gypsum board, plaster or underlayment	•	•	•	•	•	•	•	•	•	•	•	•
Masonry (brick, block or quarry tile)	•	•	•	•	•	•	•	•	•	•	•	•
Tile over tile	•	•	•	•	•	•	•	•	•	•	•	•
VCT	•	•	•	•	•	•	•	•	•	•	•	•
Vinyl tile	•	•	•	•	•	•	•	•	•	•	•	•
QUALIFYING SYSTEM WARRANTY	Lifetime	Lifetime	Lifetime	10-year	5-year	n/a	10-year	10-year	10-year	10-year	n/a	n/a
TOTAL ELIGIBLE LEED POINTS**	3 points	3 points	3 points	3 points	3 points	3 points	3 points	3 points	3 points	5 points	3 points	3 points
Recycled content (MR 4.1 & MR 4.2)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2 points	n/a	n/a
Regional materials (MR 5.1 & MR 5.2)	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points	2 points
Low-emitting materials (EQ 4.1)	1 point	1 point	1 point	1 point	1 point	1 point	1 point	1 point	1 point	1 point	1 point	1 point

* Requires the addition of B-730 Additive

** ProSpec thin set mortars contribute up to 3 LEED points in the areas of Materials & Resources (Regional Materials MR 5.1 & MR 5.2) and Indoor Environmental Quality (Low-emitting Materials). All ProSpec thin set mortars are non-toxic, odorless and nonflammable.

NOTE: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use and to ensure that all substrates are properly prepared. For additional information, please visit www.prospec.com or contact ProSpec Technical Services.

All installations must conform to ANSI A108.5 specification and the Tile Council of North America handbook.

www.prospec.com

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