

Flooring Preparation: Underlayments & Toppings Selection Matrix



		Primers		Moisture Mitigation	Self Leveling Underlayments			Lightweight Self-leveling Underlayments	Deep Pour Underlayments	Wear Toppings	Resurfacers
		Level Set Primer	Level Set Primer Plus	Moisture Vapor Reducer	Level Set 100	Level Set 200	Level Set 300	Level Set LW-60	Level Set Deep Pour 3	Level Set Wear Topping	Concrete Resurfacer (CR)
DESCRIPTION		Liquid polymer latex bonding agent for interior applications of Level Set products	Highly concentrated film-forming dispersion for priming very dense, smooth non-absorbent substrates such as terrazzo, marble, metal decking, ceramic and quarry tile prior to the installation of the Level Set product	Proprietary penetrating film-forming zero VOC coating for reducing the moisture vapor transmission rate from a cementitious substrate by at least 80% prior to the installation of self leveling systems, skimcoats, moisture sensitive floor finishes, and resinous coating systems	Polymer modified, portland cement based self-leveling underlayment	Calcium aluminate cement based self-leveling underlayment offering outstanding workability and high strength	Premium calcium aluminate cement based self-leveling underlayment offering outstanding workability and high strength	Lightweight calcium aluminate cement based self leveler that is half the weight of typical gypsum or portland cement systems	Calcium aluminate cement based, single component, non-shrink, fast setting, self-leveling underlayment engineered for deep pour applications up to 3"	High-strength, abrasion-resistant wear surface ideal for decorative concrete	Polymer modified cement based resurfacer designed to make concrete look new again
INTERIOR/ EXTERIOR		INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR	INTERIOR / EXTERIOR
SUBSTRATES	Cement backerboard	•	•			•	•	•			
	Ceramic tile		•			•	•	•			
	Concrete	•	•	•	•	•	•	•	•	•	•
	Cutback adhesive residue		•								
	Exterior grade plywood		•				• ^{(1) (2)}	• ^{(1) (2)}			
	Terrazzo		•			•	•	•			
	Embossing Leveler		•								
	Luan		•								
	Moisture Mitigation (MVR)		•		•	•	•	•	•	•	
PLACEMENT	Thickness	n/a	n/a	n/a	Up to 1"	Feather edge to 2" neat; 5" extended	Feather edge to 2" neat; 5" extended	Feather edge to 2" neat	Feather edge to 3" neat	1/4" to 2" neat	Up to 1/2"
	Working time @ 70° F	n/a	n/a	n/a	30 minutes	25 to 35 minutes	25 to 35 minutes	30 minutes	25 to 35 minutes	30 minutes	20 to 30 minutes
	Trowel, Pump or Pour	Pour	Pour	Pour	Pump or pour	Pump or pour	Pump or pour	Pump or pour	Pump or pour	Pump or pour	Trowel
FLOOR COVERING ACCEPTANCE	Tile & stone installation	n/a	n/a	n/a	24 hours	3 to 4 hours	3 to 4 hours	3 to 4 hours	3 to 4 hours	n/a	n/a
	Moisture-sensitive floor coverings	n/a	n/a	n/a	72 hours	16 hours	16 hours	16 hours	36 to 48 hours	n/a	n/a
COMPRESSIVE STRENGTH (psi)	24 hours	n/a	n/a	n/a	1,500	3,000	3,500	2,000	1,600	3,500	2,400
	28 days	n/a	n/a	n/a	5,000	5,000	5,500	4,000	3,500	6,000	5,000
QUALIFYING SYSTEM WARRANTY		Lifetime, 10-year, 5-year	Lifetime, 10-year, 5-year	10-year	10-year, 5-year	10-year	Lifetime, 10-year	10-year	10-year, 5-year	10-year	10-year
LEED POINTS	TOTAL ELIGIBLE POINTS	3 points	1 point	3 points	3 points	3 points	3 points	5 points	4 points	3 points	3 points
	Recycled Content (MR 4.1 & 4.2)	n/a	n/a	n/a	n/a	n/a	n/a	2 points	1 point	n/a	n/a
	Regional Materials (MR 5.1 & 5.2)	2 points	n/a	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 Interior applications only.

² When mixed with Acrylic Additive

NOTE: All Level Set products require the use of Level Set Primer or Level Set Primer Plus. Installations also require proper surface preparation that include the removal of all unsound concrete, grease, oil, paint and any other foreign materials that will inhibit performance. A CSP profile of 3-5 is recommended. Patch or repair deep areas, holes or cracks with a patching product prior to the installation of any Level Set product.