

## SELF-LEVELING UNDERLAYMENTS

PHYSICAL PROPERTIES	LEVELLITE	LEVELQUIK RS	LEVELQUIK ES
Applicable ANSI Standards	No national standard	No national standard	No national standard
Systems Warranty	Up to Lifetime	Up to Lifetime	Up to Lifetime
Compressive Strength, ASTM C109			
1-day Cure	2600 psi	2400 psi	2400 psi
28-day Cure	4600 psi	4400 psi	4000 psi
Flexural Strength, ASTM C109	1200 psi	1100 psi	900 psi
Pot Life @ 70° F (21° C)	30 min	30 min	45 min
Flow Time @ 70° F (21° C)	10 min	10 min	30 min
Initial Set, ASTM C109 @ 70° F (21° C)	75 min	90 min	2 hrs
Final Set, ASTM C109 @ 70° F (21° C)	2 hrs	3.5 hrs	3.5 hrs
Walkable Hardness	2-4 hrs	2-4 hrs	Overnight
Cure Time Before Floor Covering Installation	4 hrs ceramic tile and stone floors 14 hrs impervious floor coverings	4 hrs ceramic tile	18-24 hrs 18-24 hrs
Application Thickness	Featheredge to 2" (5 cm)	Featheredge to 1" (2.5 cm)	Featheredge to 2" (5 cm)
Approximate Coverage Range @ 1/8" (3 mm)	45 sq ft/30 lb bag (4.2 M <sup>2</sup> /13.6 kg)	45 sq ft/30 lb bag (4.2 M <sup>2</sup> /13.6 kg)	45 sq ft/30 lb bag (4.2 M <sup>2</sup> /13.6 kg)
Robinson-Type Floor Tester, ASTM C627	Extra heavy rating	Extra heavy rating	Extra heavy rating

## BACKERBOARD

PHYSICAL PROPERTIES	1/2" WONDERBOARD (13 mm)	1/4" WONDERBOARD (6 mm)
Applicable ANSI Standards	A118.9	A118.9
Systems Warranty	Lifetime	Lifetime
Fastener Holding	> 140 lb (>63 kg)	≥100 lbs (≥45 kg)
Flame Spread/Smoke Development Indices (NFPA)	0/0 Class A	0/0 Class A
Flexural Strength		
ASTM C947	> 900 psi	≥1500 psi
ASTM C1185	N/A	N/A
Weight/Sq Ft (M <sup>2</sup> )	3 lbs (1.4 kg)	2 lbs (.9 kg)
Linear Variation with Moisture Change	< .07%	.07%
Tensile Bond to Surface	> 50 psi	> 50 psi
Bacteria and Fungus Resistance	No growth	No growth

## LATEX PORTLAND CEMENT MORTARS

PHYSICAL PROPERTIES	MEGALITE	MEGAFLEX	PROLITE	FLEXBOND
Applicable ANSI Standards	A118.4/118.11	A118.4/118.11	A118.4/118.11	A118.4/118.11
Systems Warranty	Lifetime	Lifetime	10 Year	15 Year
Shear Bond Strength @ 28 days:				
Bisque Tile	830 psi	800 psi	600 psi	690 psi
Porcelain Tile	700 psi	680 psi	450 psi	375 psi
Quarry Tile to Plywood	375 psi	350 psi	250 psi	320 psi
Compressive Strength @ 28 days	> 2800 psi	> 2800 psi	> 2800 psi	3100 psi
Pot Life @ 72° F (22° C)	4 hrs	4 hrs	4 hrs	4 hrs
Open Time @ 72° F (22° C)	100-120 min	100-120 min	50-60 min	65-70 min
Initial Set @ 72° F (22° C)	6 hrs	6 hrs	6 hrs	6 hrs
Final Set @ 72° F (22° C)	9 hrs	9 hrs	9 hrs	9 hrs
Approximate Coverage Range	100-110 sq ft/30 lb bag (7.4-8.4 M <sup>2</sup> /22.68 kg)	100-110 sq ft/50 lb bag (9.3-10.2 M <sup>2</sup> /22.68 kg)	90-100 sq ft/30 lb bag (8.4-9.3 M <sup>2</sup> /13.6 kg)	90-100 sq ft/50 lb bag (8.4-9.3 M <sup>2</sup> /22.68 kg)
Color(s)	White & Gray	White & Gray	White & Gray	White & Gray

## LATEX PORTLAND CEMENT MORTARS

PHYSICAL PROPERTIES	SPIDERWEB MORTAR	VERSABOND FLEX	VERSABOND	COMPLETE CONTACT
Applicable ANSI Standards	A118.4/118.11	A118.4/118.11	A118.4/118.11	A118.4/118.11
Systems Warranty	10 Year	10 Year	5 Year	10 Year
Shear Bond Strength @ 28 days:				
Bisque Tile	500 psi	575 psi	500 psi	500 psi
Porcelain Tile	400 psi	350 psi	290 psi	400 psi
Quarry Tile to Plywood	250 psi	250 psi	200 psi	250 psi
Compressive Strength @ 28 days	2800 psi	3100 psi	3200 psi	> 2500 psi
Pot Life @ 72° F (22° C)	2 hrs	4 hrs	4 hrs	2 hrs
Open Time @ 72° F (22° C)	20-30 min	55-60 min	50-55 min	25 min
Initial Set @ 72° F (22° C)	6 hrs	6 hrs	6 hrs	6 hrs
Final Set @ 72° F (22° C)	9 hrs	9 hrs	9 hrs	13 hrs
Approximate Coverage Range	80-90 sq ft/50 lb bag (7.4-8.4 M <sup>2</sup> /22.68 kg)	90-100 sq ft/50 lb bag (8.4-9.3 M <sup>2</sup> /22.68 kg)	90-100 sq ft/50 lb bag (8.4-9.3 M <sup>2</sup> /22.68 kg)	80-90 sq ft/50 lb bag (7.4-8.4 M <sup>2</sup> /22.68 kg)
Color(s)	White & Gray	White & Gray	White & Gray	White & Gray

## RAPID SETTING MORTARS

PHYSICAL PROPERTIES	MEGALITE RAPID SETTING	PROLITE RAPID SETTING	COMPLETE CONTACT RS	SPEEDSET
Applicable ANSI Standards	A118.4/118.11	A118.4/118.11	A118.4/118.11	A118.4/118.11
Systems Warranty	Lifetime	10 Year	10 Year	5 Year
Shear Bond Strength @ 28 days:				
Bisque Tile	835 psi	600 psi	550 psi	475 psi
Porcelain Tile	700 psi	425 psi	450 psi	340 psi
Quarry Tile to Plywood	365 psi	250 psi	270 psi	170 psi
Compressive Strength @ 28 days	3500 psi	> 2800 psi	> 2500 psi	3000 psi
Pot Life @ 72° F (22° C)	40-60 min	40-60 min	1 hr	30 min
Open Time @ 72° F (22° C)	40+ min	40+ min	20 min	20 min
Initial Set @ 72° F (22° C)	1 hr	1 hr	1 hr	1 hr
Final Set @ 72° F (22° C)	2.5-3 hrs	2.5-3 hrs	2.5 hrs	3 hrs
Approximate Coverage Range	100-110 sq ft/30 lb bag (9.3-10.2 M <sup>2</sup> /13.6 kg)	90-100 sq ft/30 lb bag (8.4-9.3 M <sup>2</sup> /13.6 kg)	80-90 sq ft/50 lb bag (7.4-8.4 M <sup>2</sup> /22.68 kg)	45-50 sq ft/25 lb bag (4.2-4.6 M <sup>2</sup> /11.34 kg)
Color(s)	White & Gray	White & Gray	White & Gray	White & Gray