



PERMA • CRETE®

Resurfacing Products



World Wide
www.permacrete.com

ARCHITECTURAL SPECIFICATION PROPERTIES OF PERMA • CRETE® POLYMER MODIFIED CEMENT SURFACES

CURED SURFACE ANALYSIS AND DETAILED PRODUCT EVALUATION

TEST	METHOD	RESULTS
Compressive Strength	ASTM C-109	5,690 PSI*
Flexural Strength	ASTM C-348	1,835 PSI
Tensile Strength	ASTM C-190	855 PSI
Shear Bond Adhesion	ASTM C-882	>550 PSI
Impact Strength	EIMA 101.86	220 in/lb (4.5 oz Mesh)
Abrasion Resistance	ASTM C-944	1.57 % Wt. Loss
Slip Resistance	ASTM D-2047	0.78 Dry
Slip Resistance	ASTM D-2047	0.74 Wet
Water Absorption	ASTM C-642	6.5% (72Hrs.)
Weight (Cured)	1/8" Typical Thickness	1.12 lbs./ft.
Freeze-Thaw	ASTM C-666	<0.5% Wt. Loss
Accelerated Weathering	ASTM G-23	Unaffected (4000 Hrs.)
Chemical Resistance	ASTM D-2299	Unaffected
Fire Resistance	ASTM E-108	Class A
Fire Resistance	UBC 32-7	Class A
Flame Spread	ASTM E-84	Exceeds Std.
Fire Resistance	ASTM E-119	Passed @ 1 Hour
Wind Uplift	FM I-52	Exceeds Std.
Moisture Resistance	ASTM D2247	Unaffected @ 6 wks.
Mildew Resistance	ASTM G-21	Class A
Mildew Resistance	Mil 810-B	No Growth @ 6wks.
Wind Driver Rain	TTC-555B	No Penetration
Shrinkage	ASTM C-596	Exceeds Std.

* 6,000+ PSI compressive strength is achieved after final applications of PERMA•CRETE® acrylic Sealers.

PRIMARY PRODUCTS	TYPE PACKAGE	COVERAGE RATES*
Matrix Mix	40 lb. Bag	140 sq. ft. (Texture)
Matrix Mix	40 lb. Bag	50-100 sq. ft. (Skim)
Bonding Additive	5 Gal. Pail	1-1.25 Gal. per Bag
Colorant	Quart Bottle	8 ozs. per Bag (varies)
Perma • Seal Sealer (H ₂ O)	5 Gal. Pail	1,300 Sq. ft.
Blue Nitro Cleaner	5 Gal. Pail	1,000 sq. ft.
Perma • Bond Crack Rep	1 Pint Tube	75' x 1/8" In. ft.
Perma • Prime E-Coat	4 Gal. Kit	1,060 sq. ft. (6 Mils)
Perma • Poxo Enamel	3 Gal. Kit	480 sq. ft. (10 Mils)
Perma • Thane CRU-750	5 Gal. Kit	760 sq. ft. (6 Mils)
Perma • Strip Remover	5 Gal. Can	500 sq. ft. (varies)
Orange Power Degreaser	5 Gal. Pail	1,000 sq. ft.
Perma • Caulk Sealent	Pt. & Qt. Tubes	Varies w/ App.

*Coverage rates are approximate depending upon applicator and type of surface application.

WARRANTY

Issued by the independent, installing Dealer to his retail customer and normally for a period of one (1) year. Additionally, a Dealer may, at his option, issue an extended warranty and/or an annual maintenance agreement.

A DIVISION
OF QUALITY
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TECHNICAL
DATA
CHART

Note: Material Safety Data Sheets Provided By Quality Systems, Inc.