

Prötean

Construction Products, Inc.

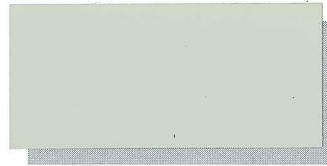
Standard Color Guide



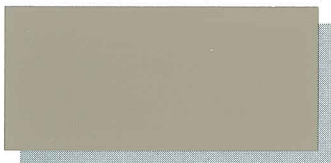
BONE WHITE



ALMOND



SANDSTONE



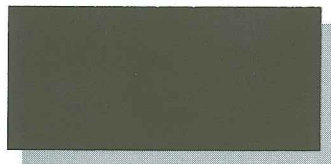
SIERRA TAN



SLATE GRAY



MATTE BLACK



MEDIUM BRONZE



DARK BRONZE



EXTRA DARK BRONZE



COLONIAL RED



REGAL RED



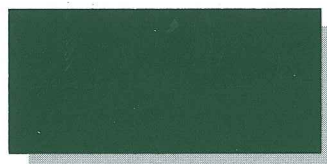
REGAL BLUE



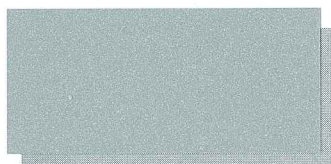
HARTFORD GREEN



PATINA GREEN



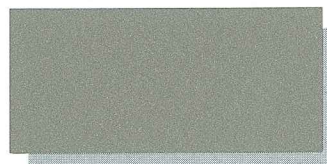
SHERWOOD GREEN



SILVER METALLIC ★



CLASSIC COPPER ★



CHAMPAGNE METALLIC ★

Fabricator of Custom Architectural Metal Wall Panels, Sunscreens, and Column Covers

SKINS

- Galvanized Steel
- Aluminum

CORES

- Aluminum/Paper Honeycomb
- Urethane/Eps Foam

SERVICES

- Design Support
- Product Engineering

Spray Finishes carry a standard 10-Year Warranty

Coil Finishes carry a standard 20-Year Warranty

Custom Colors also available

Actual metal samples are available for truer color representation

★ Premier Color

PERFORMANCE PROPERTIES

COIL APPLIED

SPRAY APPLIED

	Hot Dipped Galvanized Steel	Aluminum	Aluminum
Accelerated Weathering ASTM D 3361 (Dew Cycle Weatherometer)	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 1,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max
ASTM G 53 (QUV)	Hours: 2,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 2,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max	Hours: 2,000 total Chalk: Rating 8 Color: 5ΔE Hunter units max
Salt Spray ASTM B 117	Hours: 1,000 Scribe: Rating 7, 1/16" (2mm) Field: Rating 10, no blisters	Hours: 3,000 Scribe: Rating 10, no creepage Field: Rating 10, no blisters	Hours: 4,000 Scribe: Rating 7, 1/32" - 1/16" (1-2mm) Field: Rating 8
Humidity ASTM D 2247	Hours: 2,000 Rating 10, no blisters	Hours: 3,000 Rating 10, no blisters	Hours: 4,000 Blisters: Rating 8, no more than "few" size No.8
Formability ASTM D 4145	0T to 2T*	0T to 2T*	N/A
ASTM D 522 (Elongation over 1/8" Cylindrical Mandrel)	No cracking No loss of adhesion	No cracking No loss of adhesion	N/A
Pencil Hardness ASTM D 3363	HB -- 2H	HB -- 2H	F minimum
Specular Gloss ASTM D 523	20-35 at 60°	20-35 at 60°	20-35 at 60°
Reverse Impact ASTM D 2794	3 x Metal thickness in inch-lbs. No loss of adhesion	1 1/2 x Metal thickness in inch-lbs. No loss of adhesion	1/10" Deformation No loss of adhesion
Flame Test ASTM E 84	Class A coating	Class A coating	Class A coating

*Due to Variability of heavy gauge and hot dipped galvanized metal, some fracturing or rupturing of the substrate is possible with subsequent rupturing of the coating. This shall not be cause for rejection.

Protean panel systems are available in a variety of standard as well as custom colors and finishes, custom color matching is available upon request. All of Protean's paint finishes are formulated from 70% Kynar® / 5000 Hylar® polyvinylidene fluoride (PVDF) resins for a high strength longer lasting architectural finish. Contact Protean with any questions or for additional information on these superior architectural finishes.

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