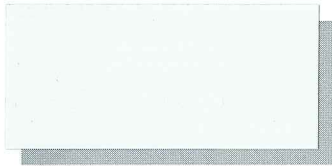


# Prōtean

Construction Products, Inc.

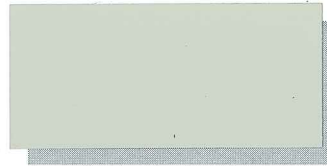
## Standard Color Guide



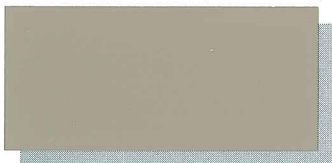
**BONE WHITE**



**ALMOND**



**SANDSTONE**



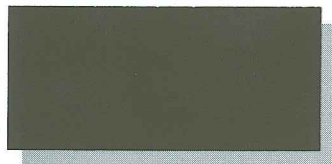
**SIERRA TAN**



**SLATE GRAY**



**MATTE BLACK**



**MEDIUM BRONZE**



**DARK BRONZE**



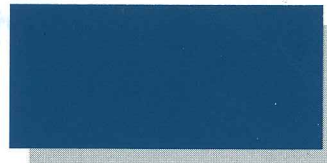
**EXTRA DARK BRONZE**



**COLONIAL RED**



**REGAL RED**



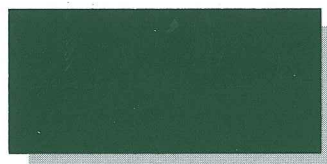
**REGAL BLUE**



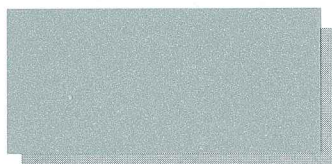
**HARTFORD GREEN**



**PATINA GREEN**



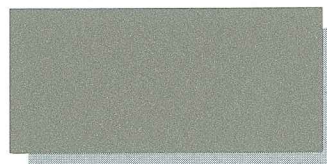
**SHERWOOD GREEN**



**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
<b>Accelerated Weathering</b> 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
<b>ASTM G 53 (QUV)</b>	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
<b>Salt Spray</b> 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
<b>Humidity</b> 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
<b>Formability</b> ASTM D 4145	0T to 2T*	0T to 2T*	N/A
<b>ASTM D 522</b> (Elongation over 1/8" Cylindrical Mandrel)	No cracking No loss of adhesion	No cracking No loss of adhesion	N/A
<b>Pencil Hardness</b> ASTM D 3363	HB -- 2H	HB -- 2H	F minimum
<b>Specular Gloss</b> ASTM D 523	20-35 at 60°	20-35 at 60°	20-35 at 60°
<b>Reverse Impact</b> 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
<b>Flame Test</b> 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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