



- PAC-CLAD Metallic Colors
- ★ ENERGY STAR® Colors
- ▲ PAC-CLAD Cool Colors

Kynar 500® or Hylar 5000® pre-finished steel and aluminum for roofing, curtainwall and storefront applications.

PAC-CLAD COLOR	REFLECTIVITY	EMISSIVITY	3 YEAR EXPOSURE	SRI	24 GA STEEL 20"	.032 ALUMINUM 20"	ENERGY STAR
ALMOND	0.53	0.87	0.52	62	✓		★
BONE WHITE	0.65	0.86	0.64	78	✓	✓	★
CHARCOAL	0.26	0.87	0.26	25	✓	✓	★
CITYSCAPE	0.43	0.87	0.43	48	✓	✓	★
COPPER PENNY	0.45	0.87	0.44	51	✓		★
DARK BRONZE	0.26	0.88	0.26	26	✓	✓	★
GALVALUME PLUS (B)	0.68	0.14	0.55	57	✓		★
MATTE BLACK STEEL	(A)	(A)	(A)	(A)	✓		(A)
MEDIUM BRONZE	0.25	0.88	0.24	24	✓	✓	★
SANDSTONE	0.46	0.87	0.46	52	✓	✓	★
SIERRA TAN	0.31	0.87	0.31	32	✓		★
SILVER	0.48	0.81	0.46	53	✓	✓	★
SLATE GRAY	0.35	0.88	0.34	38	✓	✓	★
STONE WHITE	0.67	0.85	0.65	80	✓	✓	★
TERRA COTTA	0.36	0.88	0.35	39	✓	✓	★

(A) Colors that do not meet the cool roof requirements (B) Acrylic Coated Galvalume is a non-Kynar finish

PAC-CLAD Metallic finishes are available from stock at a moderate extra cost. PAC-CLAD Copper Penny is a Non-Weathering finish. Solar Reflectance Index calculated according to ASTM E-1980. *Low Gloss/Low Sheen 70% PVDF finish

ENERGY STAR PERFORMANCE CRITERIA:

Emissivity uses ASTM C1371 Reflectivity uses ASTM C1549.

TECHNICAL DATA FOR KYNAR 500/HYLAR 5000 COATING:

- ▶ South Florida Exposure: Color (ASTM D 2244) - No more than 5ΔE Hunter units at 20 years; Chalk (ASTM D 4214) - Rating no less than 8 at 20 years; Film integrity - 20 years.
- ▶ Accelerated Weathering (ASTM D 4587, ASTM G 154): 5000 Hours; Chalk, per ASTM D 4214, rating of 6 or better; Color, per ASTM D 2244, < 5ΔE (Hunter Units) color change.
- ▶ Humidity Resistance (ASTM D 2247): Galvalume or HDG, 100% RH, 2000 hours - No field blisters; Aluminum, 100% RH, 3000 hours - No field blisters

- ▶ Salt Spray Resistance (ASTM B 117): Aluminum, 3000 hours, Galvalume or HDG, 1000 hours - Creep from scribe no more than 1/16", no field blisters
- ▶ Chemical/Acid Pollution Resistance (ASTM D 1308): Pass
- ▶ T-Bend (ASTM D 4145): 1T - 3T with no loss of adhesion
- ▶ Pencil hardness (ASTM D 3363): HB - 2H
- ▶ Specular Gloss (ASTM D 523) @ 60 degrees: Typical - 20 - 35
- ▶ Abrasion Resistance (ASTM D 968): 67 +/- 10 liters
- ▶ Cross Hatch Adhesion (ASTM D 3359): No loss of adhesion
- ▶ Reverse Impact (ASTM D 2794): Galvalume or HDG, 2x metal thickness inch-pounds, no loss of adhesion; Aluminum, 1.5x metal thickness inch-pounds, no loss of adhesion
- ▶ Flame Test (ASTM E 84): Class A Coating

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