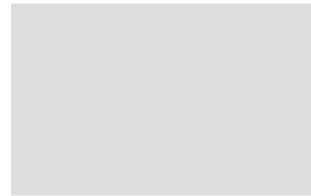
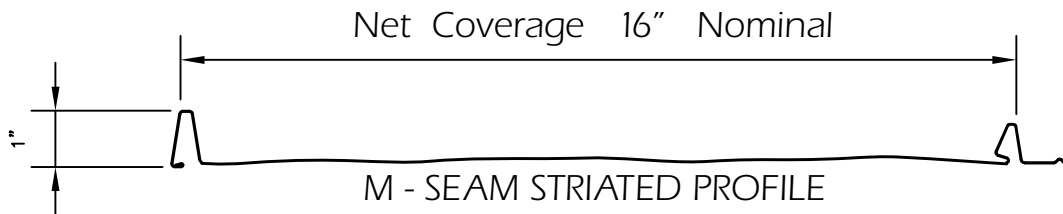
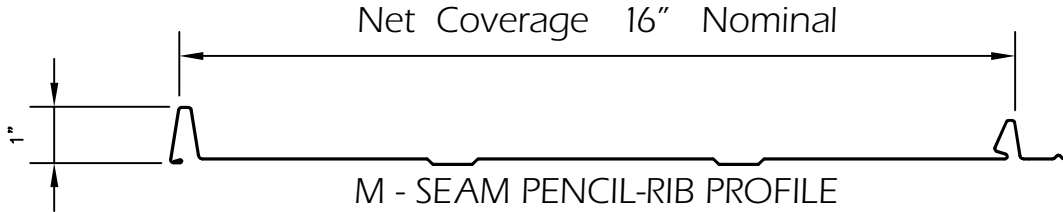


MILLENNIUM METALS, INC.

10200 EASTPORT ROAD JACKSONVILLE, FL 32218
 904-358-8366 WATTS 1-877-358-7663 (ROOF)
 FAX 904-358-8285



Colonial White



Regal Blue



Brick Red



Patina Green



Burnished Slate

Gauge	Finishes	Nominal Thickness	ASTM & Grade Specifications
26	Acrylic Galvalume	.0179	ASTM A-792 AZ55
26	PTD Galvalume *	.0179	ASTM A-792 AZ55

* PTD Galvalume is 70% Kynar 500 or Hylar 5000 PVDF Resin unless otherwise indicated.

Millennium Metals Offers a Limited 35 year warranty on Kynar Painted Panels, 25 year limited warranty on Mill Finished Acrylume Panels. Please request warranty information from your distributor.

M-Seam is available in both painted and Acrylic Galvalume with matching trim and accessories. With all these choices, there is something to suit any preference. Please see our product approval located on the Florida product approval link at www.floridabuilding.org. for installation information or contact our office for more information.

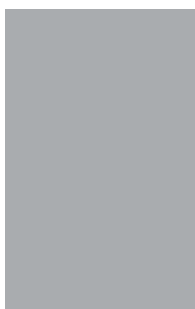
Colors are approximate to actual coating colors and can vary. A color sample can be provided upon request.

Oil Canning Disclaimer

M-Seam as any design with flat spans is prone to oil canning. This wavy appearance is in the surface of the panel does not affect the structural integrity of the panel nor is it reason for rejection or refusal.

*All Colors Are Energy Star Approved

Galvalume



Slate Gray



Forest Green



Coppertone



TECHNICAL DATA

Specular Gloss at 60° ASTM D 523 ¹	Typical: 20-35
Pencil Hardness ASTM D 3363	HB to 2H
T-Bend ASTM D 4145 ¹	0T to 3T ¹ with no loss of adhesion
Cross Hatch Adhesion ASTM D 3359	No loss of adhesion
Reverse Impact ASTM D 2794 ¹	Galvalume® or HDG: 2x' metal thickness inch-pounds, no loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion
Humidity Resistance 100% RH 2,000 Hours ASTM D 2247 100% RH 3,000 Hours ASTM D 2247	Galvalume® or HDG: No field blisters Aluminum: No field blisters
Salt Spray Resistance 1,000 Hours ASTM B 117 3,000 Hours ASTM B 117	Galvalume® or HDG: Creep from scribe no more than 1/16" (2mm), no field blisters Aluminum: Creep from scribe no more than 1/16" (2mm), no field blisters
South Florida Exposure ASTM D 2244 ASTM D 4214	Color: No more than 5Δ Hunter units at 20 years Chalk: Rating no less than 8 at 20 years Film integrity: 20 years
Flame Test ASTM E 84	Class A coating
Water Immersion: 500° hours 100 F ASTM D 870	No loss of adhesion
Abrasion Resistance: ASTM D 968	65 ± 10 liters

APPLICATION CHARACTERISTICS

Application Method	Reverse roll coat
Substrate ¹	Aluminum, HDG or Galvalume®
Viscosity ASTM D 4212 (No. 4 Zahn cup)	20 to 35 seconds
Weight per Gallon ASTM D 1475	10.0 to 12.0 pounds per gallon ¹
Solids per Volume ASTM D 2697	36 to 42% ⁴
Solids per Weight ASTM D 2369	52 to 56% ⁴
Reducing Thinner	Glycol Ether Acetate or Isophorone
VOC (Theoretical) ASTM D 3960	4.4 to 4.8 pounds per gallon ¹
Clean-Up Solvent	Aromatic Ketone blend
Peak Metal Temperature	460° to 490 °F
Flash Point: ASTM D 3278	83° F
Contains Lubricant	Yes
MEK Double Rubs ASTM D 5402	100 Plus