



Kynar®-Coated Metal

Product Data Sheet



Product Description

EXCEPTIONAL® Metals Kynar®-Coated Metal is manufactured in 4x10-foot sheets that consist of a metal backing with Kynar 500® PVDF resin-based finish for color and UV protection.

Kynar®-Coated Metal is available with the following metals:

- 24 gauge Galvalume®
- 0.040 aluminum

Kynar®-Coated Metal can be formed to make copings, fascia covers, terminations or other decorative waterproofing products.

Ordering

Kynar®-Coated Metal is ordered individually or per pallet. Each 4 x 10-foot pallet contains 50 sheets.

Storage and Handling

- Store bundled sheets off the ground high enough to allow for air circulation beneath the bundle and to prevent rising water from entering the bundle. Slightly elevate one end of the bundle. Prevent rain from entering the bundle by covering with a tarpaulin. Allow for air circulation between draped edges of the tarpaulin and ground.
- Prolonged exterior storage of sheets in a bundle is not recommended. If conditions do not permit immediate installation, extra care should be taken to protect sheets from rust or water marks.
- Check to see moisture has not formed inside the bundles during shipment. If moisture is present, panels should be uncrated and wiped dry, then restacked and loosely covered so air can circulate between the panels.

Precautions

- Wear proper personal protective equipment, such as gloves and eye protection.

KYNAR®-COATED METAL PHYSICAL PROPERTIES		
	Test Method	Result
Falling Sand Abrasion	ASTM D968	65 ± 10 liters
Film Adhesion	ASTM D3359	No removal of film under tape in the cross-hatched area (Dry, Wet, Boiling Water)
Surface Burning Characteristics	ASTM E84	Flame Spread Index: Class A Smoke Developed Index: Class A
Graffiti Resistance	ASTM D6578/ D6578M	Meets and exceeds
Humidity Resistance	ASTM D2247: 100% RH at 100° F for 2,000 hours 100% RH at 100° F for 2,000 hours	Galvalume: No field blisters Aluminum: No field blisters
Impact Resistance (Direct)	ASTM D2794	Galvalume: 3x metal thickness inch-pounds, no loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion
T-Bends	ASTM D4145	T-3T, no loss of adhesion
SOUTH FLORIDA EXPOSURE TESTING		
Color	ASTM D2244	No more than 5Δ Hunter units at 20 years
Chalk	ASTM D4214	Rating no less than 8 at 20 years
Film Integrity	ASTM G7	25 years
Erosion Resistance	ASTM D662	10 – 15%

For more information give us a call or visit our website today.

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COLOR	24 GAUGE	ALUMINUM .040	INITIAL SOLAR REFLECTIVITY	INITIAL EMISSIVITY	SOLAR REFLECTANCE INDEX
Almond	X		0.55	0.87	64
Bone White	X	X	0.70	0.85	75
Brite Red	X		0.49	0.84	55
Brownstone	X	X	0.38	0.85	40
Charcoal Gray	X		0.32	0.85	32
Coal Black	X	X	0.26	0.85	24
Classic Green	X		0.14	0.82	7
Colonial Red	X		0.22	0.86	20
Copper Metallic ☒	X		0.45	0.85	50
Galvalume Plus	X		0.67	0.14	56
Harbor Blue	X		0.11	0.88	6
Hawaiian Blue	X		0.31	0.87	32
Hunter Green	X		0.08	0.86	2
Koko Brown	X	X	0.32	0.86	38
Light Stone	X		0.53	0.85	61
Medium Bronze	X	X	0.36	0.87	39
Midnight Bronze	X	X	0.28	0.86	27
Natural Patina	X		0.39	0.85	42
Silver Metallic ☒	X	X	0.54	0.80	61
Slate Gray	X	X	0.38	0.87	41
Snow White	X	X	0.63	0.85	75
Terra Cotta	X		0.35	0.87	37
Tundra	X		0.34	0.86	35
☒ Available at additional cost					
* Additional lead time (non-stock item)					

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