



KYNAR / FLUROPON[®] SPECIFICATIONS DATA SHEET

Fluropon[®] is a full strength 70% Kynar 500[®] or Hylar 5000[®] based coating which provides coverage for the most demanding exterior surfaces. It should be specified when highest available performance against color fade and chalk is needed.

With more than 25 years of proven field performance, Fluropon[®] is the most durable coating for a high performance system. It is an excellent choice for walls, roofs, soffits and other architectural applications.

Available in standard and custom earth-tone, pastel and restoration colors, Fluropon[®] is chemically resistant and post-formable. Fluropon[®] is also available in a thick-film system, Flurothane[®] II and IV (see detail sheet for Flurothane[®] II and IV for more information on thick-film systems).

FIELD PERFORMANCE

Film Integrity:	25 years: No Blistering, Peeling, or Cracking
Chalk Resistance: ASTM D 659	20 years: Rating No Less Than No. 8
Color Change: ASTM D 2244	20 years: No More Than 5ΔE (Hunter) Units

APPLICATION CHARACTERISTICS

Application Method:	Reverse Roll Coat
Viscosity: ASTM D 4212	25 to 35 Seconds (No. 4 Zahn Cup)
Weight per Gallon: ASTM D 1475*	9.5 to 10.5 Pounds
Solids by Volume: ASTM D 2697*	36% to 42%
Solids by Weight: ASTM D 2369*	52% to 56%
Reduce Thinner:**	Glycol Ether Acetate or Isophorone
Clean-Up Solvent:**	Aromatic Ketone Blend
Peak Metal Temperature:	460°F to 490°F
MEK Double Rubs: NCCA II - (18)	100 Plus
VOC (Theoretical): ASTM D 3960*	4.4 to 4.8 Pounds Per Gallon (2.0 to 2.2 kg per liter) ⁽³⁾
Flash Point: ASTM D 3278	83°F
Contains Lubricant:	Yes
Dry Film Thickness: NCCA II - (13)	0.7 to 0.8 Mills
System Dry Film Thickness: NCCA II - (13)	0.9 to 1.1 Mills Total

PHYSICAL PROPERTIES

Gloss (60° Head): ASTM D 523	10 to 35
Pencil Hardness: ASTM D 3363	HB to 2H
T-Bend: NCCA II - (19)	0T - 3T, No Loss of Adhesion
Reverse Impact: ASTM D 2794	Steel: 3 x Metal Thickness Inch-Pound, No Loss of Adhesion.
	Aluminum: 1 1/2 x Metal Thickness Inch-pound, No Loss of Adhesion.
	No Loss of Adhesion
Cross Hatch Adhesion: NCCA II - (16)	

ACCELERATED TEST DATA

Salt Spray 1,000 Hours: ASTM B 117	HDG/Galvalume [®] : Creep from Scribe ≤ 1/16-inch, No Blisters
Salt Spray 3,000 Hours: ASTM B 117	Aluminum: Creep from Scribe, None, No Blisters
Humidity 100% RH 2,000 Hours: ASTM D 2247	HDG/Galvalume [®] : No Field Blisters
Humidity 100% RH 3,000 Hours: ASTM D 2247	Aluminum: No Field Blisters
Water Immersion 500 Hours 100°F: ASTM D 870	No Loss of Adhesion
Dew Cycle Weatherometer 1000 Total Hours: ASTM D 3361	Color Change: Maximum of 5ΔE (Hunter) Units
	Chalk: Rating No Less Than No. 8
Abrasion Resistance ASTM D 968, Method A	65 ± 10 Liters

* Varies with Color and Gloss

** See Appendix A for more information

For details on health, safety and handling information, MSD sheets are available on request.



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