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 Intergrity:	**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 Mils**
System Dry Film Thickness: NCCA II - (13)	**0.9 to 1.1 Mils 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.**
Cross Hatch Adhesion: NCCA II - (16)	**No Loss of Adhesion**

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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