SPRAYLAT
POWDER COATINGS

05080/SPR
BuyLine 5692

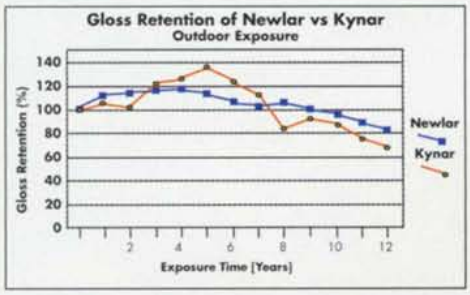
Powder Coatings

NEWLAR™: #1 FLUOROCARBON POWDER COATING
DECAFLON™: FLUOROCARBON POWDER COATING
ARC 2001™: SUPERIOR RESIN TECHNOLOGY

Spraylat, the leading supplier of architectural coatings, is offering state-of-the-art fluorocarbon based powder coatings for high performance architectural applications.

NEWLAR™ and DECAFLON™ are thermosetting powder coatings with a backbone of a fluoropolymer resin system that has been utilized for architectural coatings for over 30 years. It offers superior weathering performance and resistance to the damaging effects of UV light.

These coatings have been designed with the top architectural specifications in mind and are warranted for a minimum of 10 years towards the AAMA 2605-02 specification (American Architectural Manufacturers Association).



Due to the high performance fluorocarbon resin and superior pigmentation system used, NEWLAR™ is able to outperform traditional solvent borne liquid systems used in the architectural community. NEWLAR™ carries a 15 year warranty.

NEWLAR™ offers superior mechanical properties and better protection in corrosive industrial atmospheres. It generally requires only a one coat application and, combined with lower curing temperatures, results in less energy use during the application. The NEWLAR™ product line contributes to the conservation of our natural resources.

In contrast to conventional liquid fluorocarbon coatings with VOC levels that exceed 5lb./gallon, DECAFLON™ is an environmentally friendly powder coating applied without the emission of harmful VOC's into the atmosphere. In fact, powder coatings are EPA recommended finishings and contribute to the "Green Building Initiative." DECAFLON™ carries a 10 year warranty.

NEWLAR™ Performance

Test	Test Method	AAMA 2605 Requirement	Results
Thickness (mm)	D1400	Min 1.2 mil	1.5 to 2.5 mil
Pencil Hardness	D3363	Min F	4 H
Dry Adhesion (180 -270°C)		100%	5 B (100%)
Wet Adhesion (38°C @ 24 hrs water immersion)		100%	5 B (100%)
Boiling Water Adhesion (100°C @ 20 mins immersion)		100%	5 B (100%)
Impact Resistance (3 mm deformaton, adherence)		100%	100% (no removal)
Abrasion Resistance (Falling Sand test)	D968	Min 40	Pass @ 45.4
10 % Hydrochloric Acid (180 -270°C @ 15 mins)		No change	Pass (no change)
Mortar Resistance (100 % RH, 380°C @ 24 hrs)		No change	Pass (no change)
Nitric Acid Resistance (30 mins Vapor)		Maxium 5 △ E	Pass (less the 5 △E)
Detergent Resistance (3 %, 380°C @ 72 hrs)	D3359	No change	Pass
(Window cleaner resistance (24 hrs))		No change	Pass (no change)
Humidity Resistance (Chromated Aluminum Panels	D2247 or D4585	Few blisters at 4000 hrs	Pass (no blisters)
Salt Fog Test (Chromated Aluminum Panels)	B117	Min 7 (1/16") creepage, Min 8 blisters at 4000 hrs	Pass

Weathering Resistance (South of Latitude 27, 45° angle)

Color Retention	D2244	△E <5 @ 10 yrs Florida	Pass
Gloss Retention	D523	△E > 50 % @ 10 yrs Florida	Pass
Chalk Resistance	D4214 & D 659	< 8 colors, < 6 white @ 10 yrs Florida	Pass
Resistance to Erosion	D244	< 10 % @ 10 yrs Florida	Pass

Spraylat Corporation is a leading supplier of architectural powder coatings for commercial and residential applications. As a pioneer in the architectural powder coatings market, Spraylat offers extensive formulating experience and a proven track record in the architectural community.

ARC 2001™ is based on well known and proven thermosetting resin technology of super weatherable, modified polyesters. These resin systems have been utilized for architectural powder coatings for over 10 years, offering excellent weathering performance and resistance to the damaging effects of UV light.

ARC 2001™ coatings have been designed to meet the stringent criteria of the AAMA 2604-02 specification (American Architectural Manufacturers Association) and have successfully been tested in actual South Florida outdoor weathering.

ARC 2001™ is offered with a standard 5 year warranty for gloss retention, color fade and chalking resistance if applied by licensed and approved applicators.

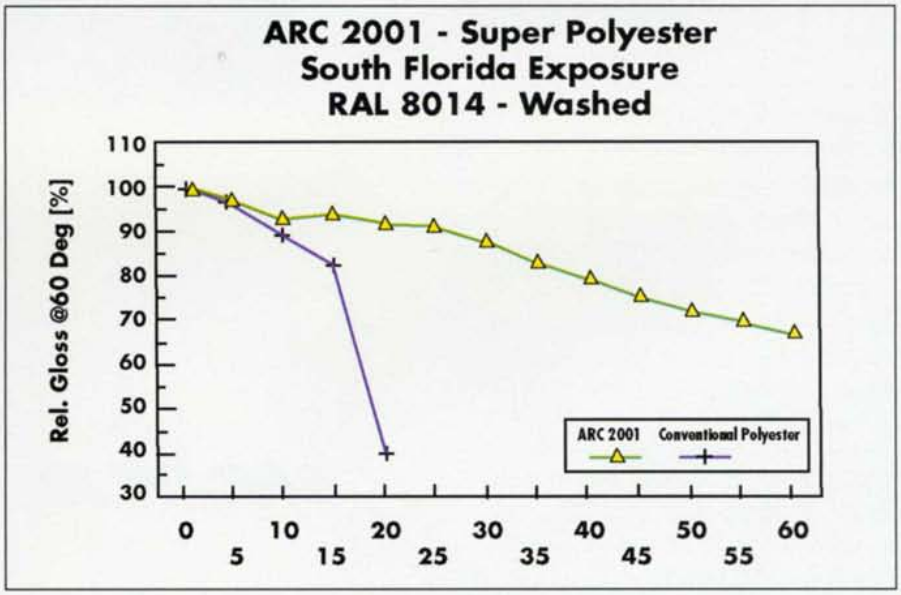
In contrast to conventional liquid fluorocarbon coatings with VOC levels that exceed 6lb./gallon, ARC 2001™ coatings are environmentally friendly powder coatings that are applied without the release of harmful VOC's into the atmosphere.

In fact, powder coatings are an EPA recommended finishing method for architectural aluminum which further contributes towards the "Green Building Initiative" of the US Government.

MECHANICAL PROPERTIES	ASTM#	AAMA 2604-98	ARC 2001	RESULTS
DRY ADHESION	D3359	100% 5b no liftoff	100% 5b'	Pass
WET ADHESION		100% 5b no liftoff	100% 5b'	Pass
BOILING WATER ADHESION		100% 5b no liftoff	100% 5b'	Pass
HARDNESS	D3363	min F	2H	Pass
IMPACT - DIRECT1	D2794-67	160 inch/lb.	160 inch/lb.	Pass
IMPACT - REVERSE1	D2794-67	160 inch/lb.	160 inch/lb.	Pass
ABRASION RESISTANCE	D968	min. Coefficient 20	Coefficient 28	Pass

The ARC 2001™ resin system and state of the art pigmentation offer superior mechanical properties, such as, resistance to damaging UV light and protection against corrosive industrial atmospheres. Generally, only a one coat application is required. for certain high chroma shades of Bright Red, Orange, and Yellow, a clear coat is recommended.

ARC 2001™ powder coatings are offered in a variety of 30 stock colors according to Spraylat's standard color selector for high performance Architectural Powder Coatings. Custom matches are available in a minimum quantity of 55 lbs. for solid color shades. For more information, please contact the Spraylat Customer Service Center at 1-800-767-2335.



SPRAYLAT WARRANTY: NEWLAR

Spraylat warrants for a period of 15 years, that its NEWLAR, architectural powder coatings:

- Will not fade in color more than 5 (five) units mE (Hunter) when tested according to ASTM D2244
- Will retain a minimum of 50% of its original gloss when measured in accordance with ASTM D523 using 60° readings
- Will not chalk in excess of standard #8 rating for Colors and #6 for Whites according to ASTM D4214 Test method A

ARC 2001

Spraylat warrants for a period of 5 years, that its ARC 2001, architectural powder coatings:

- Will not fade in color more that 5 (five) units mE (Hunter) when tested according to ASTM D2244
- Will retain a minimum of 30% of its original gloss when measured in accordance with ASTM D523 using 60° readings
- Will not chalk in excess of standard #8 rating for Colors and #6 for Whites according to ASTM D4214 Test method A

For complete warranty information please consult our website at www.spraylat.com or our Spraylat offers at 800-767-2335.

AAMA Architectural Specifications

	AAMA 2603-02	AAMA 2604-02	AAMA 2605-02
Pretreatment	Not specified	—Chrome(30 mg/ft2) —non-chrome allowed	Chrome (40 mg/ft2)
Film Thickness, min.	0.8 mil	1.2 mil	1.2 mil
Pencil Hardness, min	H	F	F
Abrasion Resistance, min.	Not specified	20	40
Humidity Resistance, hrs.	1500	3000	4000
Salt Spray Resistance, hrs.	1500	3000	4000
Weathering	1 year South Florida	5 year South Florida	10 year South Florida
Color Retention	Minimal change	Less than 5△E	Less than 5△E
Gloss Retention	Minimal change	> 30 %	> 50 %
Spraylat Product		ARC 2001	NEWLAR DECAFLON

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