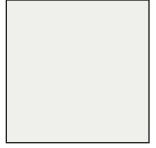
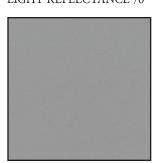
# ACROGUARD®-UVX



### DURABLE EXTERIOR POWDER COAT



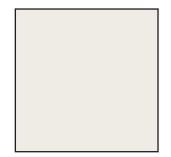
**ROYAL WHITE** PDR-40100 GLOSS 5 +/- 5 LIGHT REFLECTANCE 76



**MEDIUM METALLIC** PDR-40803 GLOSS 50 +/- 5 LIGHT REFLECTANCE 27



**RUSTY CHAIN** PDR-40300 GLOSS 5 +/- 5 LIGHT REFLECTANCE 12



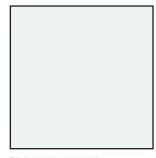
**PARCHMENT WHITE** PDR-40108 GLOSS 25 +/- 5 LIGHT REFLECTANCE 68



**SILVER SATIN** PDR-40802 GLOSS 20 +/- 5 LIGHT REFLECTANCE 31



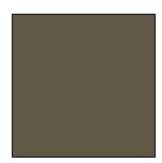
**LIGHT BRONZE** PDR-40201 GLOSS 35 +/- 5 LIGHT REFLECTANCE 15



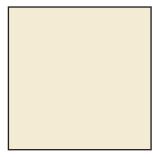
**SECURITY WHITE** PDR-40127 GLOSS 50 +/- 5 LIGHT REFLECTANCE 77



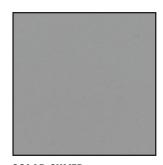
**SILVER STAR** PDR-40800 GLOSS 30 +/- 5 LIGHT REFLECTANCE 42



**MEDIUM BRONZE** PDR-40202 GLOSS 35 +/- 5 LIGHT REFLECTANCE 10



**IVORY** PDR-40815 GLOSS 30 +/- 5 LIGHT REFLECTANCE 66



**SOLAR SILVER** PDR-40801 GLOSS 10 +/- 5 LIGHT REFLECTANCE 30



**DARK BRONZE** PDR-40203 GLOSS 35 +/- 5 LIGHT REFLECTANCE 4

Gordon stocks all finishes featured. Gordon has virtually unlimited custom color matching capabilities. Antimicrobial finishes are available upon request.

Finish samples shown on this card are replications of the actual paint finishes and may vary slightly in color and gloss from the actual coating of the substrate. Color samples, supplied on an aluminum panel, provide an actual representation of color, gloss, texture, and hue and are available upon request. Gloss levels are expressed from measurement on a 60° gloss meter.



## TECHNICAL INFORMATION

ACROGUARD-*UVX* is a durable, hard-surface, super polyester powder coat finish that provides UV, high impact, and chemical resistance. Its inherent mechanical properties meet or exceed 70% PVDF (Kynar<sup>®1</sup>) finishes, yet are available without the high cost of application and the negative environmental impact of VOCs. With ACROGUARD-*UVX*, an extended warranty up to 10 years is available. ACROGUARD-*UVX* contributes LEED<sup>®2</sup> credits for innovation in design.

ACROGUARD-UVX Exterior Powder Coat provides the following advantages when compared to 70% PVDF:

- Broader gloss range
- Superior pencil hardness
- Better abrasion resistance
- Higher impact resistance

- No VOCs emitted in pre-treatment processes
- Factory finished, Shorter lead-times, No extra transportation required, EPA Compliant
- Endures acid exposure, even against Sulfuric Acid

#### TECHNICAL DATA - ACROGUARD-UVX VS. 70% PVDF

	<u> A C R O G U A R D - <i>U V X</i></u>	<u>70% PVDF</u>
GLOSS (at 60°)	5 - 50	20 - 35
COLOR RANGE	Architectural, no High - Chroma colors	Wide, bright colors require clear coat
TEXTURES	Yes	No
IMPACT RESISTANCE (DEFORMATION)	3mm	2.5mm
SMOOTHNESS (FORD SCALE)	8 - 10 (depending on gloss)	8 - 10
PENCIL HARDNESS	3Н	F
TABER ABRASION	100	140
ADHESION	5B	5B
SO. FLORIDA UV RESISTANCE	10 years, gloss retention: $30\%$ + color retention: $\Delta E < 5.0$	10 years, gloss retention: $50\%$ + color retention: $\Delta E < 5.0$
HUMIDITY RESISTANCE	3000 hours	4000 hours
AAMA SPECIFICATION	2604	2605

All testing utilized a 0.063" aluminum substrate and a film thickness of 1.9 - 2.0 mils.

#### ENVIRONMENTAL POLICY

Our in-house finishing facility uses only water-soluble materials in our pre-treatment process. All overflow from this process is approved for introduction into our city water treatment plant without adverse impact to the environment. Gordon powder coat finishes are EPA compliant and contribute to the U.S. Green Building initiative.

Gordon's environmental commitment is affirmed within our core *Values, Beliefs, and Principles*. Waste reduction and recycling are key elements of our business culture and are embraced by all Gordon team members.



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 $<sup>^{\</sup>rm 1}\,\mbox{Kynar}^{\rm \$}$  is a registered trademark of ARKEMA, Inc.

<sup>&</sup>lt;sup>2</sup> LEED is a registered trademark of the U.S. Green Building Council.