



How Does UVMax® UV-Cured Powder Coating Compare to Paint?

Durability	UVMax®	Paint
Thickness	3 – 4 mils	1 – 6 mils
Crosshatch Adhesion	No loss	No loss
Impact	No cracking at 35"	ND*
Abrasion Resistance (weight loss in mg/500 cycles)	34.2 mg	36.7 mg
Abrasion Wear Thru Resistance (cycles)	3000 cycles	ND*
Scratch Resistance	No effect	ND*
Pencil Hardness		4H
Scratch Hardness	2H	ND*
Gouge Hardness	4H	ND*
Cleanability/Stain Resistance	High	High
Design Flexibility		
Seamless Surfaces and Edges	Yes	Yes
Radiused Edges and Corners	Yes	Yes
Bullnosed Edges	Yes	Yes
Curvilinear Shapes	Yes	Yes
Contoured and Complex Shapes	Yes	Yes
Finished Through-holes and Recesses	Yes	Yes
Environmental Impact		
VOCs (volatile organic compounds)	No	Yes
HAPs (hazardous air pollutants)	No	No
Materials Waste	< 1%	15+%
Production Process		
Number of Steps Required to Finish	1	3+
Type of Finishing Process	Continuous	Batch & Continuous
Time Required	< 20 Minutes	3 – 48 Hours

UVMax® tests performed by Stork Herron Laboratories. Paint data drawn from tests performed by Stork Herron Laboratories and publicly available published information; exact results vary by manufacturer and grade.

* ND = no data available

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