

## EZ-FOLD-A-DOOR

# Fropon™ PVdf Resin Superior Performance Coatings

Architectural Coatings for Aluminum Frames

## Physical & Chemical Properties

Properties		Description	Remarks	Result
Gloss		60°Gloss	ASTM D523	Spec. ±5
Pencil Hardness		Berol Eagle Turquoise Pencil	ASTM D3363	F Min.
Adhesion	Dry Adhesion	1 mm Cross Cut	ASTM D3359	100/100
	Wet Adhesion	38°C, 24 hrs, 1 mm Cross Cut		
	Boiling Water Adhesion	100°C, 20 mins, 1 mm Cross Cut		
Impact Resistance		5/8 inch Diameter 0.1 inch Distortion	ASTM D2794	No Removal
Abrasion Resistance		Falling Sand	ASTM D968	40 Min.
Mortar Resistance		Mortar PAT 24 hrs	AAMA 2605	No Visual Change, No Blistering
Detergent Resistance		3% Detergent, 38°C, 72 hrs	ASTM D2248	No Blistering [ASTM D3359]
Window Cleaner Resistance		10 Drops, 24 hrs, Cross Cut	AAMA 2605	No Visual Change, No Blistering
Acid Resistance	Muriatic Acid Resistance	10% muriatic acid, 15 mins	AAMA 2605	No Visual Change, No Blistering
	Nitric Acid Resistance	70% HNO <sub>3</sub> , 30 mins	ASTM D2244	ΔE = 5 Max.
Humidity Resistance		HR 100%, 38°C, 4000 hrs	ASTM D2247	Blister Size No. 8 Max. [ASTM D714]
Salt Spray Resistance		5% Salt Solution, 4000 hrs	ASTM B117	Scribe or Cut Edges: Rating 5 Min. Field: Rating 7 Min. [ASTM D1654]
Weathering	Color Retention	South Florida 10 years exposure	ASTM D2244	ΔE = 5 Max.
	Gloss Retention		ASTM D523	50% Min.
	Chalk Retention		ASTM D659	Rating 6-8
	Resistance to Erosion		ASTM B244	Film Loss 10%

\*ASTM: American Society for Testing and Materials

\*AAMA: American Architectural Manufacturers Association



**EZ-FOLD-A-DOOR**

Transform your space  
A FOLD at a Time

[www.ezfoldadoor.com](http://www.ezfoldadoor.com)