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	Testing	Competition AAMA 2603	GREATFENCE.com AAMA 2604-5
	Metal Preparation and Pretreatment	Multi-Stage Cleaning and Pretreatment	Multi-Stage Cleaning and Pretreatment
	Pretreatment Type	Chemical Conversion Coating	Chrome or Non-Chrome Chemical Conversion Coating
Pre- treatment	Pretreatment Coating Weight	None Specified	Chrome @ 30mg/ft ² Minimum; Non-Chrome per Supplier's Specs
	Dry Film Thickness	0.8 mils min.	1.2 mils (for Multi-coat, 1.0 mil Topcoat min & 0.3+/-0.1 mil Primer
	Sealant Compatibility	Meets AAMA 800	Meets AAMA 800
	Specular Gloss	+/-5 Units of Specification (high = 80+, medium+20-79, low 19-)	+/-5 Units of Specification (high = 80+, medium+20-79, low 19-)
Paint Film	Dry Film Hardness	H Minium	F Minimum
	Dry Adhesion	0% Failure (No Loss)	0% Failure (No Loss)
	Wet Adhesion	0% Failure (No Loss)	0% Failure (No Loss)
	Boiling Water Adhesion	None Specified	0% Failure (No Loss)
	Impact Resistance	No Removal of Film from Substrate	No Removal of Film from Substrate
Adhesion	Abrasion Resistance	None Specified	Abrasion Coefficient Value = 20 Min
	Muriatic Acid Resistance	15 Minute Exposure: No Blistering or Visual Change for AAMA 2603, 2604, 2605	
	Mortar Resistance	24 Hour Exposure: No Loss of Film Adhesion or Visual Change for AAMA 2603, 2604, 2605	

Chemical Resistance	Nitric Acid Resistance	None Specified	30 Minute Exposure: 5 Delta E (Hunter) Maximum Color Change
	Detergent Resistance	72 Hour Exposure: No Loss of Film Adhesion, No Blistering or No Significant Visual Change for AAMA 2603, 2604, 2605	
	Window Cleaner Resistance	None Specified	24 Hour Exposure: No Blistering or Visual Change
	Humidity Resistance	1500 Hours: No More than "Few" Blisters Size 8, Figure #4 (ASTM D 714)	3000 Hours: No More than "Few" Blisters Size 8, Figure #4 (ASTM D 714)
Corrosion Resistance	Salt Spray Resistance	1500 Hours of Salt Solution: Minimum Rating of 7 on Scribe or Cut Edges; Minimum Blister Rating of 8 in the Field (ASTM D 1654)	3000 Hours of Salt Solution: Minimum Rating of 7 on Scribe or Cut Edges; Minimum Blister Rating of 8 in the Field (ASTM D 1654)
	Accelerated Exposure	1000 Hours in Atlas Type "XW" Weatherometer: No Adhesion Loss; Slight Chalking or Color Change	None Specified
Weathering Resistance	Outdoor Exposure	1 Year South Florida: No Adhesion Loss; Slight Chalking or Fading	5 Years South Florida: 5 Delta E (Hunter) Maximum Color Change; Chalking < 8 (ASTM D 4214); Gloss Retention > 30% Erosion Resistance < 10% Film Loss