

AAMA ARCHITECTURAL COATINGS TESTING AND EVALUATION

TEST	AAMA 2603 (D, G, P, V & U SERIES)	AAMA 2604 (Z SERIES)	AAMA 2605 (SOL-AR)
Florida Exposure	1 Year – Slight fade and chalking	5 Years – 30% gloss retention Chalking 8 Delta e 5.0 Erosion maximum 10%	10 Years - 50% gloss retention Chalking 8 Delta e 5 Erosion maximum 10%
Pencil Hardness	H – No film rupture	F – No film rupture	F – No film rupture
Cross Hatch Adhesion Dry Wet (24 hrs @ 100°F 137°C)	No tape off or blisters	No adhesion loss – No blisters	No adhesion loss – No blisters
Boiling Water	N/A	No adhesion loss – No blisters	No adhesion loss – No blisters
Impact 5/8" Ball	0.1" Deformation no removal	0.1" Deformation no removal	0.1" Deformation no removal
Sealant Compatibility	No deleterious effect	No deleterious effect	No deleterious effect
Muriatic Acid (37% @ 65°F (18°C)	No blister or change	No blisters or change	No blisters or change
Detergent Resistance 72 hrs @ 100°F (37°C)	No blister No change in appearance	No blisters No change in appearance	No blisters No change in appearance
Mortar Resistance 24 hrs. @ 100°F (37°C)	Dislodge easily No film loss	Dislodge easily No film loss	Dislodge easily No film loss
Humidity Resistance 100°F (37°C 100%) R.H.	1500 Hours Few #8 blisters Maximum	3000 Hours Few #8 blisters Maximum	4000 Hours Few #8 blisters Maximum
Salt Spray with Scribe	1500 Hours 1/16" scribe creep maximum 2% area blistering	3000 Hours 1/16" scribe creep maximum 2% area blistering	4000 Hours 1/16 scribe CRRRP Maximum 2% area blistering
Weather-O-Meter 1000 Hours	Slight chalk/stain & color change	N/A	N/A
Nitric Acid Resistance Fumes 30 minutes	N/A	5 E units max. Change	5 E units max. change
Falling Sand Abrasion	N/A	Min. 20 litres of falling sand/mil coating	Min. 40 litres of falling sand/mil coating