

American Architectural Manufacturers Association Paint Performance Standards



	AAMA 2603 Lower Performance Standard	AAMA 2604 Average Performance Standard	AAMA 2605 Superior Performance Standard
Min. Film Thickness	0.8 mils (20.3 micron)	1.2 mils (30.5 micron)	1.2 mils (30.5 micron)
Crosshatch Adhesion	Dry & Wet 100%	Dry, Wet & Boiling 100%	Dry, Wet & Boiling 100%
Direct Impact Resistance	0.1 inch (2.54 mm) deformation minor crack / no pick off	0.1 inch (2.54 mm) deformation minor crack / no pick off	0.1 inch (2.54 mm) deformation minor crack / no pick off
HCl Resistance (10%)	15 minute spot no blister or color change	15 minute spot no blister or color change	15 minute spot no blister or color change
Mortar Resistance	24 hrs surface contact no adhesion or residue	24 hrs surface contact no adhesion or residue	24 hrs surface contact no adhesion or residue
Detergent Resistance	72 hrs immersion no change or loss of adh.	72 hrs immersion no change or loss of adh.	72 hrs immersion no change or loss of adh.
Humidity Resistance	1500 hrs 100% humidity #8 blister size maximum	3000 hrs 100% humidity #8 blister size maximum	4000 hrs 100% humidity #8 blister size maximum
Salt Spray Resistance Scribed	1500 hrs 5% solution min. 7 on scribe, 8 on field	3000 hrs 5% solution min. 7 on scribe, 8 on field	4000 hrs 5% solution min. 7 on scribe, 8 on field
Metal Pretreatment Req.	No specification	30 mg/ft ² chrome or non-chrome equivalent	40 mg/ft ² chrome
Pencil Hardness (min.)	H	F	F
Abrasion Resistance (l/mil)	No specification	20	40
Nitric Acid Vapor Resis.	No specification	30 minute exposure 5 ΔE max. color change	30 minute exposure < 5 ΔE color change
Window Cleaner Resis.	No specification	24 hour spot test no visual change	24 hour spot test no visual change
Weathering	1000 hrs Xe & 1 yr Florida Slight chalk & fade	5 yrs Florida 5 ΔE max. color change 30% gloss retention min. 8 chalk min. 10% film erosion max.	10 yrs Florida 5 ΔE max. color change 50% gloss retention min. 8 chalk min. (6 on whites) 10% film erosion max.

KYNAR 500® resin-based paints meet or exceed all of the requirements of AAMA 2603, 2604 and 2605
AAMA specifications can be downloaded at www.aamanet.org/general.asp?sect=2&id=45