

Architectural Standard Classification

#1 AAMA 2605 (Ultra Durable) (Floropolymer)

- Premium Architectural coating
- Outdoor weathering: 10+ years in South Florida
- Excellent UV and chalk resistance
- Maximum corrosion protection

#2 AAMA 2604 (Super Durable Polyester) (Standard Exterior)

- Most common exterior
- Outdoor weathering: 5 to 8 years in South Florida
- Excellent UV resistance in real outdoor setting
- Great fit for fences, railings, architectural aluminum, playground equipment
- Mostly widely accepted “exterior” powder in architectural spec sheet

#3 AAMA2603 (Polyester)

- Basic exterior weather resistance suitable for lower UV exposure
- Outdoor weathering: 3 to 5 years in South Florida
- Best used on outdoor equipment where short-life or non-architectural use is ok

#4 TGIC (ONLY A CURING AGENT)

- Reacts with polyester resin during curing
 - o Creates hard durable film
 - o Improves weather, chemical and UV resistance
- TGIC polyester or just TGIC means Polyester resin and TGIC curing agent

#5 Polyurethane

- Designed to combine
 - o Toughness
 - o Smooth, high-end finish
 - o Strong resistance to chemicals and abrasions
- Strengths
 - o Excellent chemical resistance
 - o Very smooth finish
 - o High abrasion and scratch resistance
 - o Good flexibility-less prone to cracking
 - o Good UV resistance
- Limitations
 - o Lower heat resistance
 - o More expensive
 - o Not ideal for constant high-temperature environments