

# Superb Durability

## Technical Data Sheet

### General Description

ELITE Series™ coating system is the most innovative and advanced Ceramic polyester technology designed to provide superb durability in colour retention.

### Standard

**ASTM A755(M)**  
American Society for Testing and Materials  
**JISG 3322**  
Japanese Industrial Standard

### Recommended End Use

General exterior architectural applications.  
Roofing & wall cladding in residential, industrial & commercial construction.

### Product Composition

ELITE Series™ finishes are made from high end 100% Ceramic pigments polyester paint system. This proprietary polyester system was proven under years of harsh 45° South Florida exposures to resist changes in colour and general appearance while preserving film integrity and coating properties.

### Specification

<b>PRETREATMENT</b>	Corrosion resistance proprietary conversion coating each side.
<b>PRIMER COAT</b>	Universal corrosion inhibitive primer Nominal thickness - 5 microns each side
<b>FINISH COAT</b>	Custom formulated system. Nominal thickness - 20 microns on the top or weather side. The finish coat is available in 9 standard specially selected colours. Other colours may be available on request. The finish coat can, if required be applied to both the sides to provide double sided colour coating .
<b>BACKING COAT</b>	Custom formulated backer - 5 microns Special backer suitable for foam application can also be provided.
<b>GLOSS</b>	Nominal 25% (60°)

### Specified Parameters

	Performance
Specular Gloss (ASTM D523)	25 - 40%
Hardness (ASTM D3363)	F minimum
Cross-Hatch Adhesion (ASTM D3359)	No removal
Bend Adhesion (ASTM D4145)	4 T max
Reverse Impact (ASTM D2794-84)	10 Joules minimum
Humidity Resistance (ASTM D2247)	1000 hours: Pass
Salt Spray Resistance (ASTM B117)	1000 hours: Pass

Test	Performance
Weatherometer Test (ASTM D822)	2000 hours: No checking, blistering or adhesion loss
Colour Change (ASTM D2244)	For period of 10 years delta E not exceed: <input type="checkbox"/> 6 units - light colour <input type="checkbox"/> 9 units - intermediate colour <input type="checkbox"/> 12 units - dark colour
Chalking Resistance (ASTM D4214)	No chalking greater than #8
Exterior Weathering (ASTM D4141)	Excellent exterior performance in South Florida test exposures
Abrasion Resistance (ASTM D968)	60 liters/mil minimum