

Corasol™ is a two coat resin system with a total Dry Film Thickness (DFT) of 2.1 to 10.2 mils.  
 Top coat: 2.0 to 10.0 mils

## BENEFITS

Corasol™ coatings provide a number of unique benefits including:

- Outstanding color consistency
- Superior abrasion and scratch resistance
- Flexibility and formability
- Excellent overall adhesion

## TECHNICAL DATA

PERFORMANCE SPECIFICATION	PRODUCT PERFORMANCE
Specular Gloss at 60° ASTM D 5232	15 to 70
Pencil Hardness ASTM D 3363	B to H
T-Bend ASTM D 4145 <sup>5</sup>	0T to 1T, no loss of adhesion
Cross Hatch Adhesion ASTM D 3359	No loss of adhesion
Reverse Impact ASTM D 2794 <sup>5</sup>	Aluminum: 2x metal thickness inch-pounds, no loss of adhesion HDG/Galvalume: 4x metal thickness inch-lbs., no loss of adhesion
Humidity Resistance 100% RH 1,500 Hours ASTM D 2247 100% RH 2,000 Hours ASTM D 2247	HDG and Galvalume: No field blisters Aluminum: No field blisters
Salt Spray Resistance 1,000 Hours ASTM B 117 2,000 Hours ASTM B 117	HDG and Galvalume: Creep from scribe no more than 1/16" (2 mm), no blisters Aluminum: Creep from scribe no more than 1/16" (2mm), no blisters
Water Immersion: 168 hours 100° F ASTM D 870	No field blisters with minimal color change
XWR Weatherometer 2000 Total Hours: ASTM D 3361	Chalk: rating no less than No. 7 Color change: maximum of 6ΔE (Hunter) units
Chemical Resistance 24 Hours: ASTM D 1308 10% Hydrochloric Acid 20% Sulfuric Acid 10% Sodium Hydroxide 28% Ammonium Hydroxide	Slight stain, no blisters No visible change Slight stain, no blisters No visible change
Film Integrity: Vertical 90° Angle Non-Vertical Angle > 15° from vertical	15 Years: No blistering, peeling or cracking 10 Years: No blistering, peeling or cracking
Chalk Resistance ASTM D 6592 Vertical 90° Angle Non-Vertical Angle > 15° from vertical	10 Years: Rating no less than 8 10 Years: Rating no less than 6
Color Change: ASTM D 2244 Vertical 90° Angle Non-Vertical Angle > 15° from vertical	10 Years: No more than 6ΔE Hunter units 10 Years: No more than 8ΔE Hunter units