



### PRODUCT DESCRIPTION

CORAFLO<sup>®</sup> ADS field-applied spray coatings are second-generation thermosetting fluoropolymer coatings designed to provide a high quality appearance as a field refinish system for properly prepared aluminum building components and other related surfaces. In addition to meeting the AAMA 2605 weatherability and chemical resistance standards set by architectural PVDF finishes, CORAFLO<sup>®</sup> ADS coatings are also available in a palette of rich, vivid colors and a full range of glosses from satin to high luster. CORAFLO<sup>®</sup> ADS coatings offer excellent adhesion to a wide range of properly treated metal substrates, non-metal substrates and previously painted surfaces providing ambient cure characteristics of an acrylic coating, with the durability of a fluoropolymer coating. These characteristics make them an ideal choice for high-profile architectural applications where long-term aesthetics are desired.

### SYSTEM OVERVIEW

CORAFLO<sup>®</sup> ADS field-applied spray coatings are minimum two-coat systems composed of a universal primer and a fluoropolymer topcoat. The coatings are designed for use over properly cleaned and pretreated aluminum, clad steel, concrete, glass, or plastic substrates. CORAFLO<sup>®</sup> ADS field-applied spray coatings cure chemically into a durable, inert

fluoropolymer system to attain bright, vivid colors including metallics, and a wide range of gloss levels (20 - 80%). CORAFLO<sup>®</sup> ADS coatings offer a brilliant, low-maintenance finish that is resistant to marring and abrasion while providing excellent gloss and color retention.

### COMMERCIAL USES

CORAFLO<sup>®</sup> ADS coatings have been formulated to provide exceptional visual appeal in a wide range of architectural and other applications. CORAFLO<sup>®</sup> ADS coatings are available in a full palette of rich, vivid colors plus metallics, blacks, and whites. Based upon durability-proven fluoropolymer chemistry, CORAFLO<sup>®</sup> ADS coatings provide exceptional color

retention and hiding power, plus gloss levels from satins to high luster. Their versatility makes them an excellent choice for restoration applications, such as gas station buildings, pylons, canopies, building panels, roofs, doors, windows or sash extrusions, handrails, decks, signs, billboards, poles, stairs, exterior light fixtures, fences, and many others.

### DURABILITY

CORAFLO<sup>®</sup> ADS coatings are formulated to provide ultimate resistance to weathering and ultraviolet degradation. Their chemically inert composition makes them a good choice for use in industrial environments. CORAFLO<sup>®</sup> ADS coatings are highly resistant to marring and abrasion, withstand airborne pollution

without staining or discoloring, and retain their excellent appearance over time. The coatings require little maintenance and can be easily cleaned with mild detergents. CORAFLO<sup>®</sup> ADS coatings are ideal for touch-up, repair and restoration painting in the field.



<b>CORAFLON ADS SPECIFICATIONS</b>	
<b>Dry Film Thickness</b> ASTM D1400	Primer: consult PPG Building Restoration Technical Service 1.5- 2.0 mil topcoat
<b>Gloss</b> ASTM D523 @ 60°	<10-80
<b>Pencil Hardness</b> ASTM D3363	HB - H
<b>Flexibility</b> T-bend, ASTM D4145	3 T-bend; No pick-off 3 T-bend; No cracking <sup>1</sup>
<b>Adhesion</b> ASTM D3359 Reverse impact 1/16" crosshatch Wet Adhesion Boiling Water Adhesion	No adhesion loss No adhesion loss No adhesion loss
<b>Abrasion — Falling Sand</b> ASTM D968	50 liters min.
<b>Detergent Resistance</b> ASTM D2248 ASTM D3359	No adhesion loss No adhesion loss
<b>Acid Resistance</b> ASTM D1308 10% sulfuric acid — 24 hrs AAMA 2605 nitric acid vapor — 15 minutes 10% muriatic acid spot – 15 minutes	No discoloration. <5ΔE color change No discoloration
<b>Salt Spray Resistance</b> ASTM B117, 1000 hrs. (steel)  ASTM B117, 4000 hrs. (aluminum)	1/8" max. average scribe creep. None or few #8 field blisters 1/8" max. average scribe creep. None or few #8 field blisters
<b>Humidity Resistance</b> ASTM D714, ASTM D2247, 1500 hrs. (steel)  ASTM D714, ASTM D2247, 4000 hrs. (aluminum)	1/8" max. average scribe creep. None or few #8 field blisters 1/8" max. average scribe creep. None or few #8 field blisters
<b>Exterior Exposure</b> 10 yrs. @ 45°, south Florida ASTM D2244 ASTM D4214 ASTM B244 (Erosion)	Max. 5 fade Max. 8 chalk Less then 10% loss after exposure test
Compatibility with Commercial Sealants and Glazing Putties	Consult sealant manufacturer for recommendations

<sup>1</sup> Excluding spangle cracking

### CORAFLON ADS WARRANTY INFORMATION

PPG offers a comprehensive warranty on CORAFLON ADS field-applied spray coatings. For complete warranty information and a copy of the CORAFLON ADS field-applied spray coatings warranty, please call PPG at **1-800-238-8596**.

