



# 5 Star Polymers, LLC.

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## RAYLON™ 2065

## PRODUCT INFORMATION

### Description and Applications:

RAYLON™ FC-2065 is a two component, aliphatic polyaspartic polyurea spray coating system which exhibits excellent adhesion to most metal, concrete, wood, and plastic substrates. The coating is formulated to give resistance to abrasion, scratching and marring. RAYLON™ FC-2065 is a medium hardness version of this line of products. Aliphatic systems have superb resistance to weathering and are resistant to many solvents, acids, and alkalis.

This RAYLON™ line of products is specifically designed for flooring and architectural applications to replace conventional epoxy and polyurethane coatings. RAYLON™ coatings are particularly useful where FASTER return to service is needed. These products are 100% solvent-free, do not require waiting to re-coat. A one-pass full thickness application is all that is required, and as a result, more square footage can be coated in one day than all of the conventional systems.

### Component Properties:

	Component "A"	Component "B"
Viscosity @ 72° F	450 to 700 cps	400 to 550 cps
Specific gravity @ 72° F	1.167	1.179
Weight per gallon	9.739	9.77
Ratio by volume, parts	1 to 1	

### Cured Film Properties:

60° Gloss:	80-90
Cure time @ 75°F	20 sec touch dry, 2 to 4 hours light traffic, 6 to 8 hours return to service.
Film Thickness Range:	15 - 80.0 Mils; 20 mils recommended.
Coverage @ 20 mil lb/100sqft:	11.87 lbs
Tensile Strength:	2975 psi (ASTM D 790)
Elongation @ Break:	80% to 100%

### Typical Environmental Properties: (On B1000 Panels)

Salt Fog: (ASTM B-117)	1000 hours
Humidity (ASTM D4585)	1000 hours

### Performance Tests:

Impact Resistance: (ASTM D2794)	150 Dir/ 150 Rev.
Adhesion: (ASTM D-3359)	No failure with 1/8" squares
Flexibility (ASTM D-522)	Pass 1/8" mandrel bend
Pencil Hardness	HB/ 65 Shore D (ASTM D3363)

All information provided is as a guide only. It is strongly recommended that all material be tested by the user for suitability for each particular application. 5 Star Polymers, LLC accepts no responsibility for any equipment or substrate damage caused by misuse of this product.