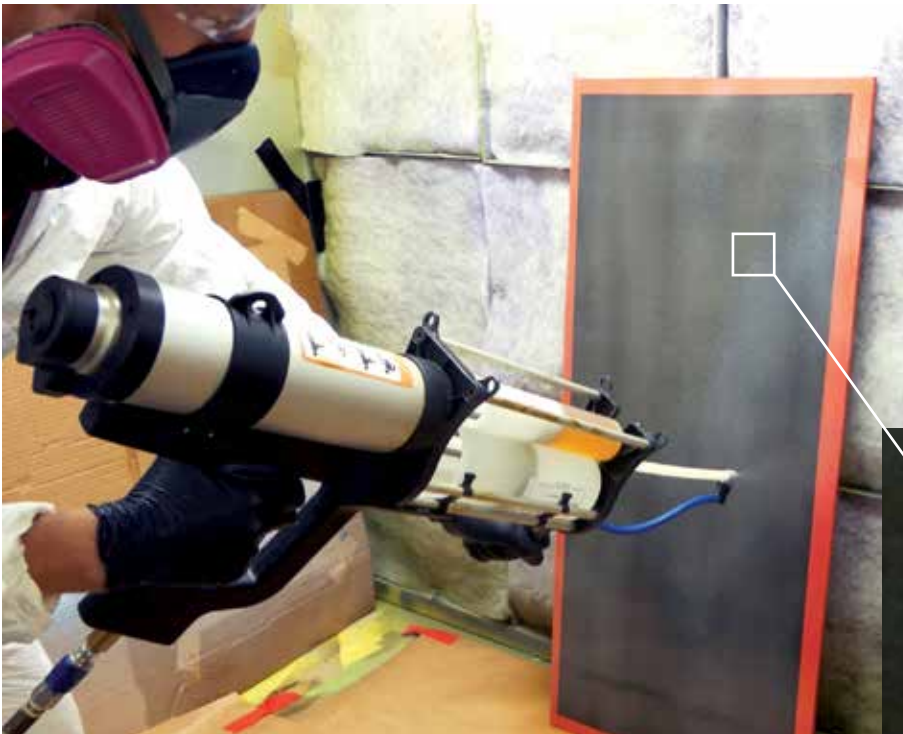
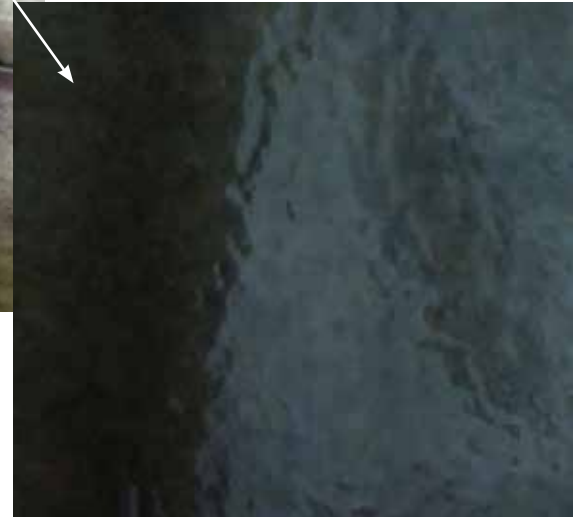


SpraySeal® SF5387 Sprayable Sealant

Av-DEC® SpraySeal® SF5387 is a fast-set polyurea coating specifically formulated for resistance to hydrocarbon based fuels and oils. The sealant features low viscosity properties for cartridge dispensed spray applications and when fully cured forms a very tough and durable clear polymer film. In addition, the sealant has been formulated with 100% “Exempt” solvent, tertiary butyl acetate.



Panel sprayed with SpraySeal® using the Sluzer MixCoat Spray tool.



Closeup of panel sprayed with SpraySeal®.

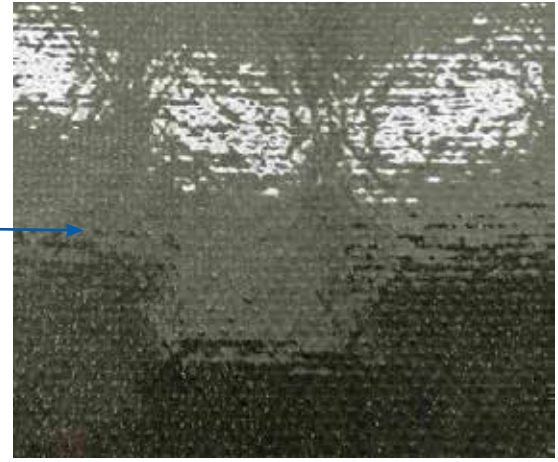
APPLICATION CHARACTERISTICS

SpraySeal® SF5387 is intended to be used as as a sprayable, secondary fuel vapor barrier coating and for protecting other aircraft structures. Common uses are as a secondary fuel vapor barrier coating and engine fan cowl coating.

Equipment:	Sluzer MixCoat Spray tool
Packaging:	1000cc Cartridge



777 fan cowl door sprayed with SpraySeal®.



Closeup of 777 fan cowl door sprayed with SpraySeal®.

PHYSICAL PROPERTIES

Part Number:	SF5387
Color, properly mixed:	Clear
Color, resin:	Clear
Color, hardener:	Amber to Brown
Reaction Ratio - by weight:	100:28.6 Resin:Hardener
Reaction Ratio - by volume:	300:100
Specific Gravity, mixed, at 77°F/25°C (Calculated):	1.03-1.08
Specific Gravity, resin, at 77°F/25°C (ISO 2811):	1.08-1.12
Specific Gravity, hardener, at 77°F/25°C (ISO 2811):	0.88-0.94
Viscosity, resin, Cps. at 77°F/25°C (ASTM D2556):	2700-4700
Viscosity, hardener, Cps. at 77°F/25°C (ASTM D2556):	28-78
Working Life at 77°F/25°C:	< 8 minutes
Gel Time, 10g Mass at 77°F/25°C (ASTM D7997):	< 15 minutes
Shelf Life - in original packaging and stored above 55°F/30°C:	Six months
Service Temperature Guide (RTCA DO-160G, Section 5, 2 cycles)	-85°F to 185°F/-65°C to 85°C
Application Temperature:	70°F to 90°F/21°C to 32°C
Hardness, Shore "A" at 77°F/25°C @ 24 hrs (ASTM D2240):	> 70
Tensile Strength (ASTM D412):	> 4000 PSI
Elongation (ASTM D412):	> 300%
Fluids Resistance (RTCA DO-160G, Section 11):	Contact technicalsupport@avdec.com
% Solids by Weight (by volume):	75.52% (70.72%)
V.O.C.: 100% Exempt:	tert-Butyl Acetate, 251 grams per mixed liter
Theoretical Coverage (10-15 mil DFT):	20-30 ft ²

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