

TufStuff™

Av-DEC's two-component polyurethane material is designed for use as a weather-tight, self-leveling, rigid sealant. The rigid nature of this system provides potential abrasion resistance where minor traffic is expected (i.e., cargo bay tie down areas). The system demonstrates excellent cohesion after installation or repair and provides a high degree of environmental protection with maximum sealing. The common uses are in the cargo bay tie down areas and behind chemical toilet areas to cover Self-Leveling Green®.



TufStuff™ installed on leading edge of antenna.

FEATURES	BENEFITS
Provides a high level of tack to most substrates	Moisture barrier, corrosion protection, improved reliability, repair/scrap
Ease of installation	Low viscosity and cohesive properties assure proper sealing with 100% surface contact
Ease of removal	Reduction in: return-to-service time, troubleshooting time, labor cost, hanger time
Leaves no residue when removed	No solvents required, no scraping required, no paint adhesion issues
Replaces moisture-retaining products around connectors	Non-hazardous, no residue before, during, or after installation or removal



TufStuff™ applied to Cargo Fitting.

TYPICAL PHYSICAL PROPERTIES

Part Number Series	TS1228
Reaction ratio (by weight)	100 : 163
Reaction ratio (by volume)	100 : 200
Color, properly mixed	Amber
Specific Gravity, resin, at 77°F (25°C)	1.16 to 1.19
Specific Gravity, hardener, at 77°F (25°C)	0.95 to 0.97
Specific Gravity, mixed, at 77°F (25°C)	1.03
Viscosity, resin, cP at 77°F (25°C)	75 to 250
Viscosity, hardener, cP at 77°F (25°C)	700 to 1200
Gel time, 10 g Mass at 77°F (25°C)	< 15 minutes
Hardness, Shore "A" at 77°F (25°C) at 24 hrs.	50 to 60
Storage temperature	>55.4°F (13°C)
Shelf life (in original packaging and protected from UV exposure)	9 months
Service temperature guide (Per RTCA DO-160G Section 5, 2 cycles)	-85°F to 275°F (-65°C to 135°C)
Application temperature	>50°F (10°C)
Peel Strength (bare 6061)	4.92 piw
Tensile Strength (ASTM D412)	259.77 PSI
Salt Fog 3000hrs (ASTM B117)	No Corrosion Present
SDS	SDS information can be requested at info@avdec.com

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