

STABOND Firewall 2K is a dual-component, high-temperature silicone sealant intended for use for sealing aircraft firewall structures against passage of air, vapors, and flames, but usage is not limited to such applications. It is effective at all temperatures from -65 to +400 °F (-54 to +204 °C) and is able to withstand flash temperatures of up to 2000 °F (1093 °C).

FEATURES AND BENEFITS

- Long open time with fast cure
- Non-Volatile content of > 96%
- Primer-less adhesion to typical aerospace substrates
- Excellent resistance to phosphate ester hydraulic fluids, engine oils, and jet fuels.
- High Strength and flexibility
- Qualified to AMS3374 Type 4 and conformant to BMS5-63 Type 2, Class B-½
- 1 year shelf-life
- Available in injection kits and bulk kits.

PROPERTIES

PROPERTY	SPECIFICATION	PROPERTY	SPECIFICATION
APPLICATION TIME	1 HOUR	LAP SHEAR STRENGTH (AMS4911)	CONTROL: 311 PSI 7 DAYS @ 400 °F 488 PSI 7 DAYS @ 120 °F / 95% RH 260 PSI 7 DAYS @ 75 °F IN AMS1241 349 PSI
TACK-FREE TIME	2 HOURS	PEEL STRENGTH (AMS4462 ANODIZED)	CONTROL: 11 PLI 72 HOURS DAYS @ 400 °F: 11 PLI
CURE TIME	30A IN < 4 HOURS	FLAME-RESISTANCE AS5127/2	2000 °F FOR 15 MINUTES NO FLAME PENETRATION
SPG	1.4	SHELF-LIFE	1 YEAR

APPLICATION

STABOND Firewall 2K is formulated for extrusion application. Part A and B must be mixed in the correct ratio and mixed thoroughly.

Part	Weight
A	1
B	10

The product is supplied in injection kits and comes with mixing instructions. Mechanical mixing is recommended. Substrates must be free of contamination (i.e. grease, oils, dirt) prior to application and cleaned using a suitable solvent.

STORAGE

For maximum shelf life, store material in a cool, dry area and keep container tightly sealed. Storage temperatures of 60-80 °F are recommended. Lower storage temperature will cause a temporary increase in viscosity. Rotate stock on a "First-in-First-out" basis. For optimum results, stir cure agent (component A) thoroughly before use and purge with nitrogen after every use.

CAUTION

This compound is nonflammable. Vapors are harmful if inhaled. It may cause eye and skin irritation and allergic respiratory reaction. Avoid contact with eyes, skin, and clothing. Protect from moisture contamination. **THOROUGHLY READ THE SDS FOR THIS PRODUCT PRIOR TO USING IT.**

IMPORTANT

Suggestions for the use of this product are based on tests believed to be reliable; however, the user should determine suitability for the intended use by his own evaluation. Because the use of the material is beyond our control, neither the seller nor the manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use or inability to use this product. Seller and manufacturer's sole obligation shall be replacement of material proved to be defective.