



Firewall 2K Red

Technical Data Sheet

1722 W. 139th Street
Gardena, CA 90429
(310) 380-6168
info@stabondcorp.com

STABOND Firewall 2K Red is a paintable, dual component casting silicone 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

- Room-temperature stable 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
- Conformant to RMS-182
- Available in BULK kits and cartridges
- 1-Year Shelf-life

PROPERTIES

PROPERTY	SPECIFICATION	PROPERTY	SPECIFICATION
APPLICATION TIME	1.5 HOURS	LAP SHEAR STRENGTH (AMS4462/AMS-C-5541)	CONTROL: 465 PSI 7 DAYS @ 400°F 613 PSI
TACK-FREE TIME	<3 HOURS	PEEL STRENGTH (AMS4462/AMS-C-5541)	CONTROL: 9 PLI 72 HOURS DAYS @ 400°F: 12 PLI
CURE TIME	55A IN < 24 HOURS	FLAME-RESISTANCE AS5127/2	2000°F FOR 15 MINUTES NO FLAME PENETRATION
SPG	1.4	SHELF-LIFE	12-MONTHS

APPLICATION

STABOND Firewall 2K Red 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. For enhanced bond strength, use STACOAT S-6530 Adhesion Promoter. Accelerated cure schedule: 1hr at room temp followed by 2 hr. at 160°F and room temp full cure after 7 days.

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 purge container 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 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.