

STI MARINE

Marine Firestop Foam

Two-component RTV silicone foam for use as a penetration seal for pipes and cables in fire-rated bulkheads and decks.

PRODUCT FEATURES:

- Tested to IMO A.754 FTP (Class A0-A60, B0-B30, and H0-H120 Bulkheads and Decks).
- Highly resilient to accommodate vibration
- Mixed at a 1:1 ratio to form a soft foam
- Resistant to aging and weathering
- Ozone and UV Resistant
- For interior penetrations
- Uniform cell structure
- Easy to install and easy to repair

INSTALLATION INSTRUCTIONS:

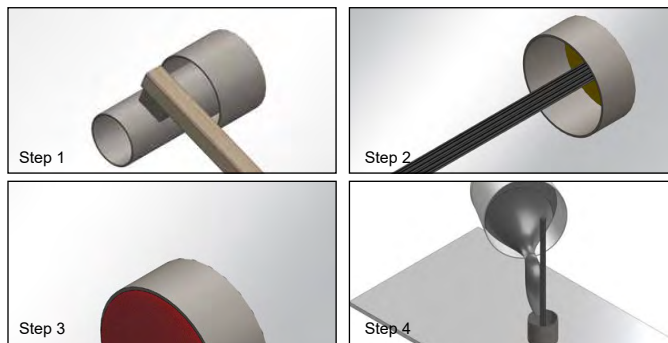
General Note: Read Safety Data Sheets (SDS) and product label for safe handling. All surfaces shall be clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Step 1: Stir each pail with a clean paddle or mixer. For MRF520 cartridges, shake product package vigorously. Pour equal parts into single container.

Step 2: Mix equal parts of Part A & B. Mixing may be accomplished with paddle mixer in a container, or by specialized mixing and metering equipment. Mix aggressively for 30 seconds prior to pouring contents into penetration opening. For MRF520 cartridges, dispense material via static mixer supplied with cartridge.

Step 3: Install damming material. Note: Product is installed in liquid form and damming is required.

Step 4: Pour product into opening. Product will react in 90 seconds to 5 minutes and expand from 2 to 4 times its original volume. Incomplete mixing will result in a non-homogenous product with characteristic marbled appearance.

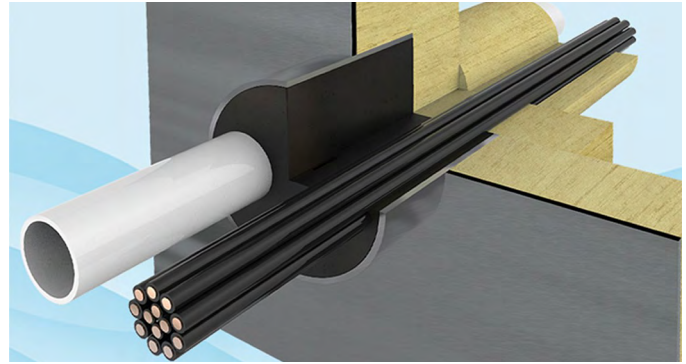


MAINTENANCE:

This product is maintenance free. Observed damage can be repaired with Marine Cable Coating per the original approved design.

WARRANTY INFORMATION

STI typically warrants its products for one full year. For complete details of our standard warranty, please visit www.stimarine.com/warranty.



PHYSICAL PROPERTIES:

Property (As Supplied)	Part A	Part B
Appearance:	Black Liquid	Off-White Liquid
Specific Gravity:	1.21	1.21
Consistency:	Pourable	Pourable
Viscosity:	75 Poise	75 Poise
Storage Warranty Period:	6 Months	6 Months
Cured Properties:	Equal Parts A & B. 1:1 mix ratio as cured 12 hours @ 77°F	
Work Life (After Mix)**:	100 – 300 Seconds @ 77°F	
Appearance:	Black RTV Foam	
Density:	14 – 18 lb./cu. ft.	
Yield Per 100 lb. Kit:	5.5 – 7 cu. ft. (depending on density)	
Specific Gravity:	0.29	
Cellular Structure:	Approx. 50% Closed Cell	
Oxygen Index:	28 Minimum	
Application Temperature Range:	50° - 90°F	
Shelf Life:	18 Months	
In Service Temperature:	-35°F - 140°F	
Storage Temperature:	<80°F	

* From data of shipment stored in original unopened container @ 80°F.

** Work life is the time during which the product remains pourable after mixing at 1:1 ratio.

ORDERING INFORMATION:

WWM Item #	Description
STI-MRF500	100 lb. kit (50 lb. A / 50 lb. B each in plastic pail)
STI-MRF520	20oz Dual Cartridge Part A & B



EAST COAST
Branchburg, NJ
Tel: 732.247.2300
Fax: 732.247.7258

GULF COAST
Houston, TX
Tel: 713.682.2400
Fax: 713.682.2624

SOUTHEAST
Davie, FL
Tel: 954.321.0784
Fax: 954.321.2591

WEST COAST
Paramount, CA
Tel: 562.633.4141
Fax: 562.633.3280