

MRF 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 Notes: Read Safety Data Sheets (SDS) and product label for safe handling.

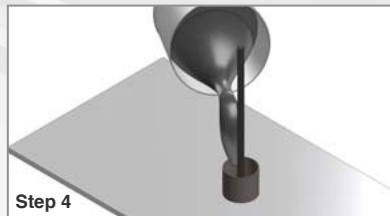
All surfaces shall be clean, sound, dry, frost-free, and free of bond-breaking contaminants and loose material.

Step 1: Stir each pail with a clean paddle or mixer. Pour equal part 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.

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.



PHYSICAL PROPERTIES:

Property – As Supplied	Part A Base	Part B Curing Agent
	Value	Value
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 and B 1:1 Mix ratio as cured 12 hours @ 77°F (25°C)	
Work Life (After Mix)**:	100-300 Seconds @77°F (25°C)	
Appearance:	Black RTV Foam	
Density:	14-18 lb./cu.ft. (225 kg/m ³ to 285 kg/m ³)	
Yield Per 100 lb Kit: (Parts A+B)	5.5 to 7 cu. ft. (0.16 to 0.2 m ³) (depending on density)	
Specific Gravity:	0.29	
Cellular Structure:	Approx. 50% Closed Cell	
Oxygen Index:	28 Minimum	
Application Temperature Range:	50°-90°F (10°-32°C)	
Shelf Life:	18 Months	
In Service Temp.:	-35°F(-37°C) to 140°F(60°C)	
Storage Temp.:	Less than 80°F (27°C)	

* From data of shipment stored in original unopened container @ 80°F(27°C).
** Work life is the time during which the product remains pourable after mixing at 1:1 ratio.

MAINTENANCE:

This product is maintenance free. Observed damage can be repaired with MRF Marine Firestop Foam per the original approved design.



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ORDERING INFORMATION:

UPC# 730573	CAT NO.	DESCRIPTION	CASE QTY
43012	MRF500	100 lb. (45.4 kg) kit; 50 lb (22.7 kg) Part A and 50 lb (22.7 kg) Part B each supplied in a plastic pail	NA

WARRANTY INFORMATION:

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

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