



TECHNICAL DATA SHEET

www.tvmi.com

Mega Fill Pro RF 2-Component Spray Foam

Manufacturer: TVM Building Products

169 Jari Drive
Johnstown, PA 15904
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Toll Free: (888) 699-1645
Fax: (814) 269-4683
Web: www.tvmi.com



Product Description:

TVM's Mega Fill Pro RF series foam is a professionally applied two-component rigid froth spray foam system. In addition to improving the energy efficiency of the building, the Mega Fill Pro RF system uses the environmentally friendly HFC 134a propellant, and comes in returnable, reusable pressure cylinders. When cured, TVM's Mega Fill Pro RF product has high closed cell content and is classified as a Class 1 building material in accordance with the ASTM E84 fire test standard. Recommended dispensing equipment TVM FD-2000 Foam Dispensing System

Colors and Packaging:

	RF17	RF60	RF120
Size	1,885 BF	7,540 BF	14,160 BF
Color	Beige	Beige	Beige
Part Number	1-87-36-006	1-87-37-006	1-87-38-006

Features: When properly installed RF series foam:

- Provides excellent adhesion to most substrates
- Provides high thermal and acoustical insulation compared to traditional insulation
- Provides a barrier against air, moisture, pests and dust
- Minimal equipment investment, no pumps or trailers required
- Portable and easy to use

Applications: Use RF series foam when:

- Insulating and sealing large areas of open wall cavities
- Whenever traditional, non sprayed insulations are inadequate
- When a high quality, high capacity system is required
- When an environmentally friendly, refillable system is desirable

Application Notes: Before you spray

- Please know your local building codes and any restrictions to product use
- Per code, Polyurethane foam must be covered with a 15 minute thermal barrier (usually 1/2" drywall) in all habitable areas. In uninhabited areas, such as attics and crawlspaces that are not used for storage, you may use an ignition barrier in lieu of a thermal barrier. Please consult with your local building department to determine the appropriate barrier for your project.
- Applicator MUST read and understand all operating instructions
- Please make sure surface to be sprayed is clean, dry and free of grease, dirt, dust, or any substance that may inhibit proper adhesion
- Please know the appropriate application rate! Over application into restricted spaces may result in uncontrolled expansion
- Cured Polyurethane foam must be protected from UV-radiation by painting or applying a top layer of sealant
- Cured polyurethane foam may be removed mechanically

Warranty and Shelf Life:

TVM warrants that product shall meet its specifications and be free of defects in workmanship. Please see www.tvmi.com for full warranty information. Unopened product has a 6 month shelf life when stored in a dry place. To achieve 6 month shelf life Component A must be stored between 64°F - 86°F (18°C - 30°C). To achieve 6 month shelf life component B must be stored between 45°F - 90°F (7°C - 32°C). Always store product away from flame, spark, or temperatures above 240°F (116°C)

TVM Building Products is not responsible for any roof or structural related issues that may occur as a result of combining a sealed attic system with a self-adhered underlayment.

CUSTOMER SERVICE and SALES

TOLL FREE: 1.888.699.1645

Phone: 1.814.269.9674

Fax: 1.814.269.4683

Email: customerservice@tvmi.com

www.tvmi.com





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Health and Safety Recommendations: In case of emergency, contact INFOTRAC at 1.800.535.5053

TVM always recommends using a NIOSH certified respirator when applying RF series foams

In low ventilation situations TVM recommends using a Fresh Air Supplied Respirator

Recommended PPE includes a fit tested respirator, goggles, and chemical resistant clothing and gloves

Applicator MUST review Safety Training available at www.TVMI.com or by requesting a copy from TVM Building Products.

Please consult product label and MSDS for additional safety information

Physical Properties:

Application Ratio (by weight) - Component A : B	1.05-1.15 : 1.00 (acceptable range)
Curing System	Chemically
Application Temperature Range	75° F – 95° F (24°C – 35°C)
Cream Time	10 seconds
Rise Time (tack free on rise)	50 seconds
Fully Cured Dry Time	45 minutes
Theoretical Yield *Based on theoretical calculations for comparative purposes only. Actual yield will vary based on ambient conditions and specific application.	RF17 = 1,885 board feet RF60 = 7,540 board feet RF120 = 14,160 board feet
Density - Free Rise Density – In Place	1.75 lb/ft ³ 2.0 lb/ft ³
Cellular Structure (ASTM D2856)	>90% closed cells
Dimensional Stability (ASTM D2126) 158°F (70°C) / 97% RH	24 Hours - Length +3.4% / Width +2.95% / Thickness +2.05% 7 Days - Length +0.02% / Width -1.04% / Thickness +1.10%
R Value (Initial / ASTM C518)	7 / inch
R Value (Aged / ASTM C518)	6 / inch
Perm Rating (ASTM E96)	1" = 7.14 Perms / 3" = 3.73 Perms
Water Absorption (ASTM D2127)	0.039 lb/ft ²
Flame Spread (ASTM E84)	15
Smoke Developed	400
Compressive Strength (ASTM D 1621-04)	32.5 psi
Shear Strength	TBD
Tensile Strength (ASTM D 1623-03)	29.01 psi
Flexural Strength	TBD
Specific Gravity @ 75°F (24°C)	Component "A" / 1.23 Component "B" / 1.10
Viscosity cps @ 75°F (24°C)	Component "A" / 140-160 Component "B" / 260-300
VOC	0.0 % 0.0 g/L

Shipping Information:

Kit	Cylinder Size	Net Cylinder Weight	Gross Cylinder Weight	# Cylinders / # Cylinder sets per Truck Load
RF17 A	17 gal	150 lb	207 lb	216 / 108
RF17 B	17 gal	125 lb	182 lb	216 / 108
RF60 A	60 gal	600 lb	805 lb	56 / 28
RF60 B	60 gal	500 lb	705 lb	56 / 28
RF120 A	120 gal	1,125 lb	1,464 lb	32 / 16
RF120 B	120 gal	940 lb	1,279 lb	32 / 16



Head Office:
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Johnstown, PA 15904
Toll Free: (888) 699-1645

Warehouses:
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Ontario, CDA

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