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# TVM Mega Fill Pro DSF 2-Component Disposable Polyurethane Foams

#### Manufacturer: TVM Building Products

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#### Product Description:

TVM Mega Fill Pro DSF series foam is a portable, disposable, ready to use foam dispensing system consisting of two chemical components (Component "A" isocyanate and Component "B" polyol blend). DSF series foams are formulated to have a high closed cell content and meet Class 1/Class A requirements, per ASTM E-84. As with all TVM polyurethane foams, this product has also been formulated with CFC-free propellant, making this an ozone friendly choice for your project. Included accessories vary by kit.

#### Colors and Packaging:

 DSF12
 DSF200
 DSF600

 Size:
 12 BF
 200 BF
 600 BF

 Color:
 Beige
 Beige
 Beige

 Part Number:
 1-87-30-006AF
 1-87-26-006AF
 1-87-27-006AF

#### Features: When properly installed DSF series foam:

- Meets Class 1/Class A requirements per ASTM E-84
- · Provides excellent adhesion to most substrates
- Provides High thermal & acoustical insulation values compared to traditional insulation
- Provides a barrier against air, moisture, pests and dust
- · Expands 6 times the dispensed volume
- Tack free in 30 60 seconds
- May be cut in 2 5 minutes
- Contains no ureaformaldehyde, VOC's, CFC's or Penta-BDE's

#### Applications: Use DSF series foam:

- When application needs to meet Class 1/Class A requirements
- When insulating and sealing open wall cavities, gaps, and cracks.
- · When sealing door and window perimeters and roof/wall intersections
- When sealing mechanical, electrical and plumbing penetrations
- · Whenever traditional, non-sprayed insulations are inadequate
- Whenever ease of use is important, like a remote location with no available power source

#### 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 <a href="www.tvmi.com">www.tvmi.com</a> for full warranty information. Unopened product has a 12 month shelf life when stored in a cool, dry place between the temperatures of 40°F and 120°F (5°C and 49°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.





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

- TVM always suggests using a NIOSH certified respirator when applying DSF series foams
- In low ventilation situations TVM suggests using a Fresh Air Supplied Respirator
- · Suggested 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:

Physical Properties:			
Curing System	Chemically		
Application Temperature Range	65°-90° F (18°-32°C)		
Tack Free / Rise Time	30 – 40 seconds		
Cut Time	2-5 minutes		
Fully Cured Dry Time	1 Hour		
Theoretical Yield *Theroretical yield is based on calculations, actual yield will vary based on ambient conditions and specific application	DSF12 = 12 board feet (1ft <sup>3</sup> /.028 m <sup>3</sup> ) DSF200 = 200 board feet (16.6 ft <sup>3</sup> /0.47 m <sup>3</sup> ) DSF600 = 600 board feet (50 ft <sup>3</sup> /1.416 m <sup>3</sup> )		
Density - Free Rise Density – In Place	1.75 lb/ft <sup>3</sup> 2.0 lb/ft <sup>3</sup>		
Cellular Structure (ASTM D2856)	95% closed cells		
Dimensional Stability (ASTM D2126)	2.01% volume change, 158°F (70°C), 100 RH, 7 days -0.42% volume change, -60°F (-51°F), 7 days		
Temperature Tolerance fully cured	-250°F to 250°F (-157°C to 121°C)		
R Value (Initial / C518))	7.7 / inch		
R Value (aged 48 hours)	7.0 / inch		
K-factor	.15		
Perm Rating (ASTM E96)	1" = 7.14 Perms 3" = 3.73 Perms		
Water Absorption (ASTM D2127)	0.039 lb/ft <sup>2</sup> surface area		
Flame Spread (ASTM E84)	20		
Smoke Developed (ASTM E84)	160		
Compressive Strength	13.78 psi parallel 6.75 psi perpendicular		
VOC	0.0% 0.0g/L		

#### Shipping Information:

Kit Size	Units/Case	Case Weight	Cases/Pallet	Pallet Weight	Case Dimensions	Pallet Dimensions	
12 BF	12	37 lb	20	780 lb	23" x 14" x 11"	40" x 48" x 49"	
200 BF	1	41 lb	30	1270 lb	16" x 16.5" x 9"	43" x 48" x 41"	
600 BF	1	117 lb	12	1445 lb	12.5" x 13" x 18.5"	40" x 50" x 42"	
*600BF kit requires (1) case of Component A and (1) case of Component B per complete kit							

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