

TECHNICAL DATA SHEET $\!-\!\!$

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TVM Mega Fill Pro DS1000 2-Component Low Density, Disposable Polyurethane Foam Kit

Manufacturer: TVM Building Products

169 Jari Drive Johnstown, PA 15904 Phone: (814) 269-9674 Toll Free: (888) 699-1645 Fax: (814) 269-4683 Web: www.tvmi.com

Product Description:

TVM Mega Fill Pro DS series foam is a portable, disposable, ready to use, low density foam dispensing system consisting of two chemical components (Component "A" isocyanate and Component "B" poly blend). DS series foams are formulated to have a high closed cell content. As with all TVM polyurethane foams, this product has also been formulated with CFC-free propellant, making this another ozone friendly choice for your project. Included accessories vary by kit.

Colors and Packaging:

DS1000 1000 BF Size: Color: Beige Part Number: 1-87-38-006A

Features: When properly installed DS series foam:

- 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

Applications: Use DS series foam:

- · 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.

Phone: 1.866.484.4TVM (4886)

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 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.







• Tack free in 30 – 40 seconds

Contains no ureaformaldehyde, VOC's, CFC's or Penta-

May be cut in 2 – 5 minutes

BDF's





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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 DS 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:	
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 (based on calculations, actual yield will vary based on ambient conditions and specific application)	DS1000 = 1000 board feet (83 ft ³ /2.35 m ³)
Density - Free Rise (ASTM D1622) Density – In Place (ASTM D1622)	1.0 lb/ft ³ 1.1 lb/ft ³
Cellular Structure (ASTM D2856)	> 80% closed cells
Dimensional Stability (ASTM D2126)	-0.44% volume change, 158°F (70°C), 100 RH, 7 days 1.15% volume change, -80°F (-62°F), 7 days
Temperature Tolerance fully cured	0°F to 150°F (-17°C to 65°C)
R Value (ASTM C518)	7.7 / inch
Perm Rating (ASTM E96)	1" = N/A 3" = N/A
Water Absorbtion (ASTM D2127)	0.055 lb/ft ² surface area
Flame Spread (ASTM E84)	N/A
Smoke Developed (ASTM E84)	N/A
Compressive Strength	8.74 psi parallel
VOC	0.0 % 0.0g/L

Shipping Information:

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Kit SizeUnits/CaseCase WeightCases/PalletPallet WeightCase DimensionsPallet Dimensions1000 BF1117 lb121445 lb12.5" x 13" x 18.5"40" x 50" x 42"1000BF kit requires (1) case of Component A and (1) case of Component B per complete kit



Building Sealing & Energy Conservation

Email: customerservice@tvmi.com

Fax: 1.877.SEND.TVM (736.3886) Technical Support: 1.888.TECH.TVM (832.4886)