

# VersiFoam®

## Systems 1, 9, 15 & 50 Class I Disposable Foam Kits

### Product Description

VersiFoam® Systems 1, 9, 15, and 50 Class I kits are disposable, closed-cell, low-pressure spray foam kits consisting of two chemical components (Component A: isocyanate and Component B: polyol blend), patented U-Control dispensing gun, multi-purpose mixing nozzles (two for System 1; ten for Systems 9, 15, and 50), nitrile gloves, and packet of petroleum jelly. These systems contain a flame retardant formula, meeting requirements of ASTM E-84 as a Class I product. They do not require any external power source.



### Code Compliances

VersiFoam® Class I Systems comply with the following codes: National Fire Protection Association – per NFPA 286 testing, cured product can be left exposed in a non-fire-resistant-rated roof/wall juncture, when applied at a maximum 6" high and 2" deep (unlimited width).

- VersiFoam® products do not contain any CFCs, Penta-BDEs, VOCs, or Urea-Formaldehyde.
- Published yields are theoretical and vary based on several factors, including ambient conditions and specific application.
- Always use recommended personal protective equipment when using polyurethane foam products. Refer to the Safety Data Sheet for additional information on safe use and handling of VersiFoam® Systems.

### Yield

System 1 Class I 1 f<sup>3</sup> / 12 f<sup>2</sup> at 1" thick

System 9 Class I 9 f<sup>3</sup> / 108 f<sup>2</sup> at 1" thick

System 15 Class I 16.5 f<sup>3</sup> / 200 f<sup>2</sup> at 1" thick

System 50 Class I 50 f<sup>3</sup> / 600 f<sup>2</sup> at 1" thick

### Density (ASTM D1622)

Free Rise 1.75 lb/f<sup>3</sup>

In Place 2.00 lb/f<sup>3</sup>

### R Factor (ASTM C518)

At 1" Thickness 6.7

### Strength (ASTM D1621 / ASTM D1623)

Compressive 21 psi (parallel)

Tensile 36.14 psi

### Time

Rise 30-40 Seconds

Tack-Free 30-40 Seconds

### Water Absorption (ASTM D2842)

% Volume Change 2.96%

Lbs/ft<sup>2</sup> 0.46

### Closed Cell Content (ASTM D2856)

> 95%

### Dimensional Stability (ASTM D2842 / ASTM D2126)

% Volume Change 158°F, 100 RH, 7 Days 3.13

% Volume Change -80°F, 7 Days -0.29

% Volume Change 158°F, 100 RH, 7 Days 2.01

% Volume Change -60°F, 7 Days -0.42

### Temperature Tolerance

High 250°F

Low -250°F

### Air Barrier Properties (ASTM E283)

At 75 Pa 0.005 L/s/m<sup>2</sup>

### Perm Rating (ASTM E96)

At 1" 3.70 Perms

At 3" 1.83 Perms

### Flamespread (ASTM E84)

At 2" Thickness 20

### Smoke Developed (ASTM E84)

At 2" Thickness 300

### Fungi Resistance (ASTM G21)

No Growth

Phone (262) 754-8088

Toll-Free +1 (800) 657-0702

Fax (262) 754-8089

Email sales@versifoam.com

5500 S. Westridge Dr.

New Berlin, WI 53151

**VERSIFOAM.COM**