



SPECIFICATION DATA

1. Product Name

Foam It Green® 12, 202 and 602 Class I Fast and Slow Rise Low Pressure Disposable Spray Foam Kits

2. Manufacturer

Guardian Energy Technologies, Inc.
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3. Product Description

Foam It Green® 12, 202 and 602 Class I ASTM E84 Fast and Slow Rise 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, two multi-purpose mixing nozzles (Foam It 12) or ten multi-purpose mixing nozzles with three fan spray tips (Foam It 202 and 602), 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.

4. Technical Data

Foam It Green® 12, 202 and 602 Class I Fast and Slow Rise Spray Foam Kits have the following properties:

DENSITY (ASTM D1622):

Free Rise	1.75 lb/ft ³
In Place	2.0 lb/ft ³

R FACTOR at 1" thickness (ASTM C518): 7

COMPRESSIVE STRENGTH (ASTM D1621): 13.8 psi (parallel)

WATER ABSORPTION (ASTM D2127): 0.039 lb/ft²

CLOSED CELL CONTENT (ASTM D2856): >95%

DIMENSIONAL STABILITY (ASTM D2126):

% Volume Change, 158°F, 100 RH, 7 days	2.01
% Volume Change, -60°F, 7 days	-0.42

TEMPERATURE TOLERANCE:

High Temperature Tolerance	250° F
Low Temperature Tolerance	-250° F

AIR BARRIER PROPERTIES at 75 Pa (ASTM E283): 0.005 L/s/m²

PERM RATING (ASTM E96):

At 1"	7.14 Perms
At 3"	3.73 Perms

FLAMESPREAD at 2" thickness (ASTM E84): 25

SMOKE DEVELOPED at 2" thickness (ASTM E84): 300

TACK FREE TIME: 30-40 seconds

RISE TIME: 30-40 seconds

YIELD:

Foam It 12 Class I	1 ft ³ 12 ft ² @ 1" thick
Foam It 202 Class I (Also Slow Rise)	16.5 ft ³ 198 ft ² @ 1" thick
Foam It 602 Class I (Also Slow Rise)	50 ft ³ 600 ft ² @ 1" thick

- Foam It Green® does not contain any CFC's, Penta-BDE's, VOC's, or Urea-Formaldehyde.
- Published yields are theoretical and vary based on several factors, including ambient conditions and specific application.
- Always use suggested personal protective equipment when using polyurethane foam products. Refer to the Material Safety Data Sheet for additional information on safe use and handling of Foam It Green® kits.