



Triple Expanding Foam



Technical
Data Sheet

Revision: 02/18/21

Filling of cavities

Sealing of large
openings & gaps

Installation of
HV/AC units

Pest control



High Expanding
Gun Foam



Excellent Filling
Characteristics



Easy Application

Product:

Triple Expanding Foam is a one-component, self-expanding, ready to use polyurethane foam with propellants, which are completely harmless to the ozone layer.

Characteristics:

- Permanent color
- Paintable
- Mildew resistant
- Very good adhesion on many materials
- Very easy application

Applications:

- Filling of cavities
- Sealing of openings in roof construction
- Creation of a soundproof screen
- Connecting of insulating materials and roof construction
- Application of a soundproofing layer on motors
- Improving thermal isolation in cooling systems
- Installation of air conditioners

Packaging:

Aerosol can 12 oz.

Shelf life:

- 18 months in unopened packaging in a cool and dry storage place at temperatures between 41°F and 77°F
- Always store can with the valve pointed upwards

Application Instructions:

Shake the aerosol can for at least 30 seconds. Fit the adapter on the valve. Apply a fine water spray to the surface which needs to be clean and free of grease and dust. Turn around the canister and extrude the foam carefully by applying pressure on the trigger. Fill holes and cavities approximately 40-50% as the foam will expand. Shake canister regularly during application. If foam is applied in several layers, moisten between each layer of foam. Fresh foam can be removed using acetone. Cured Foam can only be removed mechanically. Application temperature 41°F to 95° F. (68°F to 77°F recommended)

Meets:

ASTM C-1620
UL 723
UL 1715
ASTM E-84

Remarks:

- Always moisten surfaces in order to improve curing and cellular structure
- Cured PU foam must be protected from UV-radiation by painting or applying a top layer of sealants (silicone, MS Polymer, etc.)
- For the filling of large volumes apply product in layers and moisten between each layer
- We recommend preliminary compatibility tests on surfaces on which PU foams have not been applied previously
- Always store canister with the valve pointed upwards.





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Technical Data:

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-cure
Skin Formation (68°F/65% R.H)	7 – 8 minutes
Drying Time (68°F/65% R.H)	Dust-free after 20 – 25 minutes
Cure Rate – Straw Foam (68°F/65% R.H)	1 hour for a 1/8" bead
Cure Rate – Gun Foam (68°F/65% R.H)	30 minutes for a 1/8" bead
Cure Rate – Genius Gun (68°F/65% R.H)	1 hour for a 1/8" bead
Yield – Straw Foam	3.8 gallon cured foam
Yield – Gun Foam	11 gallon cured foam
Yield – Genius Gun Foam	5.8 gallon cured foam
Yield (ASTM C-1536) – Straw Foam	1500 linear feet for a 1/4" bead
Yield (ASTM C-1536) – Gun Foam	4315 linear feet for a 1/4" bead
Yield (ASTM C-1536) – Genius Gun Foam	2279 linear feet for a 1/4" bead
Shrink	None
Post Expansion	None
Cellular Structure	70 – 80% closed cell
Color	Champagne
Insulation Factor	3.9 – 4.1 for 1 inch
Water Absorption	1% Vol
Shelf Life	18 months
Application Temperature	41° F to 95° F
Service Temperature	-40° F to 194° F

(*) These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Health- and Safety Recommendation:

- Apply the usual industrial hygiene
- Wear gloves and safety goggles
- Remove cured foam by mechanical means only, never burn away

Limited Warranty:

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