Version 2.1

TECHNICAL DATASHEET

Green Foam Eco-Friendly Gap and Crack Filler

One-component ready to use polyurethane gunfoam with isocyanate monomer content below 0.1%. Fine cell structure enhances thermal and acoustic insulation properties. High thermal and acoustic insulation value, flexibility, low curing pressure and enhanced UV resistance make it an excellent product for installation of window and door frames. Due to no need for additional moistening it is also great for sealing narrow and deep joints. Adheres well to most materials like wood, concrete, stone, plaster, metal, PVC and polystyrene.

Main benefits

- High thermal and acoustic insulation value
- Dense, consistent and flexible foam structure
- Excellent movement capability
- Low curing pressure
- Enhanced UV resistance
- No need for additional moistening

Fields of application

- Installation of window and door frames
- Sealing of joints, even narrow and deep joints
- Insulation of penetrations
- Sealing of thermal or acoustic insulation boards
- Sealing in roof-wall area

Application instruction

Surface preparation
Remove dust, loose particles and grease from the surfaces. Protect adjacent surfaces with paper, plastic film or other suitable material.

Application temperature
Air temperature during use: +41°F to +86°F, best results at +68°F.
Can temperature during application: +50°F to +77°F, best results at +68°F.

Application method
Hold the foam can in upright position, turn the gun to the can by holding the gun handle with one hand, and turn the can with the other hand. Make sure that the gun is not pointed at other persons when turning it. The can must not be screwed to the gun with the valve upside down or by turning the gun on the can. After fixing the gun, shake the can vigorously at least 20 times. The foam output can be adjusted by the gun trigger.

Cleaning
Uncured foam can be removed with acetone, cured foam with mechanical means.

Seal Spray Foam

5717 Salmen St
New Orleans, LA 70123
USA

Phone: 504-734-1315
Website: www.sealsprayfoam.com

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Technical data

Properties	Value	Unit
Tack free time (TM 1014)	23-27	min
Cutting time (TM 1005)	<70	min
Completely cured in joint, 3x5cm (+23 °C)	<48	h
Curing pressure (TM 1009)	<1,5	kPa
Post expansion (TM 1010)	<80	%
Density in joint, 3x10cm (WGM106)	0.94-1.2	lb/ft^3
Dimensional stability (TM 1004)	<3	%
Temperature resistance of cured foam	-58 ... 158	°F
Fire class of cured foam (DIN 4102-1)	B3	
Tensile strength / elongation (TM 1018, dry surfaces)	>85 / 37	kPa / %
Tensile strength / elongation (TM 1018, moistened surfaces)	>95 / 40	kPa / %
Compression strength (TM 1011, moistened surfaces)	>15	kPa
Shear strength (TM 1012, moistened surfaces)	>65	kPa
Thermal conductivity (EN 12667, TM 1020)	0,034	W/(m·K)
Sound reduction index $R_{st,w}$ (EN ISO 10140)	62	dB
Movement capability (WGM113)	±25	%
Foam yield in joint, 3x5 cm (WGM107), per 750 ml filling rate	13	m
Foam yield (TM 1003), per 750 ml filling rate	28	l

The values specified were obtained at 73° F and 50% relative humidity, unless otherwise specified.

Krimelte OÜ uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: http://www.feica.eu/our-industry/pu-foam-ocf.aspx. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu.

Colour

White

Storage and shelf-life

Guaranteed shelf life is 24 months from production date if stored in unopened packaging in a cool and dry place at +41°F to +86F°F. The foam cans must not be stored above +122°F, nearby heat sources or in direct sunlight. Store and transport in a vertical position.

Limitations

The foam does not adhere to Teflon, polyethylene and silicon surfaces.
Cured foam is less sensitive to UV-light and direct sunlight than other conventional one-component polyurethane foams. It is recommended to cover the cured foam with suitable opaque sealant, filler, paint or other material to ensure lasting quality features.
Though there is no need for additional moistening, the foam still needs air humidity for curing. Do not cover with materials preventing access of air humidity before the foam has completely cured.

Safety recommendations

Use only in well-ventilated areas. Do not smoke during application! Use protective gear when necessary. Keep out of the reach of children.
Consult label and safety data sheet (SDS) for more information.

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice.

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