



Revision: 03/2009

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## SoudaFoam Gap & Insulation

Base	Polyurethane
Consistency	Stable foam
Curing system	Moisture-cure
Skin formation (68°F/65% R.H.)	Ca. 8 minutes
Drying time (68°F/65% R.H.)	Dust-free after 20-25 min.
Curing rate (68°F/65% R.H.)	1.5 hours for a 1/8" bead
Yield	0.25 gallon yields 9-10 gallon cured foam
Shrink	None
Post expansion	None
Cellular structure	Ca 70-80% closed cells
Specific gravity	Ca.1.56 lbs/cu.ft (extruded, fully cured)
Temperature resistance	-40°F to +194°F when cured
Colour	Champagne
Fire class (DIN 4102 part 2)	B3
Insulation factor	33 mW/m.K
Shear strength (ASTM C-273)	10.59 psi
Compressive strength (ASTM D-1621)	4.35 psi
Tear strength	23.20 psi
Water absorption	1% Vol.

**Product:**

SoudaFoam G&I is a one-component, self-expanding, ready to use polyurethane foam. It is fitted with a plastic adaptor head for use with a foam applicator gun. It contains CFC-free propellants, which are completely harmless to the ozone layer.

**Characteristics:**

- Excellent adhesion on most substrates (except PTFE, PE and PP)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)

**Packaging:**

Aerosol can 12 and 29 oz.

**Application areas:**

Installing of window and doorframes  
Filling of cavities  
Sealing of all openings in roof construction  
Creation of a soundproof screen  
Mounting and sealing of window and doorframes  
Connecting of insulation materials and roof construction  
Application of a soundproofing layer on motors  
Improving thermal isolation in cooling systems  
Installation of air conditioners

**Shelf life:**

- 12 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

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### Application:

Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. Remove pressure from the applicator to stop. Fill holes and cavities approximately 50%, as the foam will expand. Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using SoudaFoam cleaner or acetone. Cured foam can only be removed mechanically. Working temperature 41°F to 95°F. (68°F-77°F recommended)

### Remarks:

- Cured PU foam must be protected from UV-radiation by painting or applying a top layer of sealant (silicone, MS Polymer, acrylic or PU-sealant)
- Work in layers and repeat moistening after each layer

### Health and safety recommendation:

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away
- Consult the label for more information

### Limited Warranty:

Soudal warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, Soudal makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Soudal shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

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