

SoudaFoam All Season

Revision date: aug-15

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Technical Data:

Base	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture cure
Skin formation (68°F/65% R.H.)	8 minutes
Drying time (68°F/65% R.H.)	Dust free after 20-25 minutes
Curing rate	See remarks
Yield	See remarks
Yield (ASTM C-1536) (for 24 oz)	4456 linear feet (1358m) @ ¼" (6.4 mm) dia. bead
Shrink	None
Post expansion	None
Cellular structure	70-80% closed cells
Specific gravity	1.44 lb/ft ³ (extruded, fully cured)
Temperature resistance	-40°F to +194°F when cured
Color	Champagne
Fire class (DIN 4102 part 2)	B3
Insulation factor	4.1 for 1 inch
Shear strength (ASTM C-273)	8.70 psi
Compressive strength (ASTM D-1621)	4.35 psi
Tear strength	17.40 psi
Water absorption	1% Vol

Product:

SoudaFoam All Season is a top of the line one component, moisture curing polyurethane foam developed especially to perform under difficult freezing temperature conditions or in hot conditions where traditional PU foams fail to extrude and cure. The foam will extrude at ambient temperatures as low as -13°F and as high as 120°F with a can temperature of minimum 41°F and maximum 95°F respectively.

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)
- Does not slump at low temperatures
- Can be applied at frost temperatures
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- Very precise application due to the foam gun system

Application areas:

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

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

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Packaging:

- Aerosol can 24oz
- Always store can with the valve pointed upwards
- 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:

Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Moisten surfaces with a water sprayer prior to application. Fill holes and cavities approximately 65%, 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 Soudal Foamcleaner or acetone. Cured foam can only be removed mechanically.

Can and surface temperature 41°F to 95°F. (50°F-77°F recommended), the foam will even cure at ambient temperatures of 120°F (41°F-86°F recommended).

Foam Yield and Curing Time:

Temperature of can must be greater than 41°F

Ambient Temperature	68°F	32°F	14°F	-13°F
Approximate Yield (Gallons)	13	8	7	6
Cure Time (Hours)	1.5	3-5	8-10	10-12
Approximate lineal feet @ 1/4" bead	4005	2448	2142	1836

Meets:

ASTM C1620
UL 723
UL 1715
ASTM E84

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

Remarks:

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

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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