



Product Model

Soudafoam Gun B2

Soudafoam Gun B2 is a single component, self expanding, ready to use polyurethane foam, where the canister is provided with a thread so it can be used on a gun.

Properties

- Excellent stability (no shrinkage or post-expansion)
- High filling capacity
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.
- Very precise to dose.

Applications

- Installing of window and door frames.
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle.
- Apply of a sound absorbing layer.
- Improving thermal isolation in cooling systems.

Packaging

Colour: champagne

Packaging: 750 ml aerosol (net)

Shelf life

12 months unopened und stored in dry and cool conditions

Technical data
supplied by the
manufacturer



Application method

Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Surface should be free from grease and dust. Moisten surfaces with a water sprayer prior to application. Fill holes and cavities for 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 Foam cleaner or acetone. Cured foam can only be removed mechanically.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Always wear gloves and goggles. Remove cured foam mechanically. Never burn away. Consult the label for more information.

Remarks

- The use of a foam gun offers the possibility to dose the foam very precisely.
- Slightly moistening of the surface in hollow spaces optimizes the good adhesion and the yield.

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Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Polymerisation through moisture
Skin formation	8 minutes (at 20°C and 60% R.H.)
Density	Ca. 25 kg/m ³
Temperature resistance	-40°C till +90°C (cured)
Sound insulation (EN ISO 717-1)	60 dB
Shear strength	ca. 7N/cm ² (FEICA TM 1011)
Curing time	30 minuten (FEICA TM 1005-2010)
Drying time (20°C and 60% R.H.)	Dust-proof after 20 -25 min
Box Yield (TM 1003-2010)	750ml yields 43l (FEICA TM 1003-2010)
Shrinkage	None
Post-expansion	<1% (FEICA TM 1004-2010)
Cellular Structure	Ca. 70 to 80% closed cells
Fire rating (DIN4102)	B2
Insulation factor (DIN52612)	35 mW/m.K
Compressive strength (DIN53421)	ca. 4N/cm ² (FEICA TM 1010)
Bending strength (DIN53426)	Ca. 7 N/cm ²
Water absorption	1% volume

Soudal NV 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.com/our-industry/pu-foam-technology-ocf> . FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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