

Soudafoam Gun B2

Revision: 13/10/2014

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Technical data

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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

Product description

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.

- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle.
- Apply of a sound absorbing layer.
- Improving thermal isolation in cooling systems.

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.

Packaging

Colour: champagne
Packaging: 750 ml aerosol (net)

Shelf life

12 months unopened und stored in dry and cool conditions

Applications

- Installing of window and door frames.
- Filling of cavities.

Remark: This technical data sheet replaces al 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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Application method

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 SoudalFoamcleaner 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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