

Soudafoam Gun

Revision: 13/10/2014

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Technical data

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	8 min
Density	Ca. 25 kg/m ³
Temperature resistance	-40°C till +90°C (cured)
Shear strength	Ca. 17 N/cm ²
Curing time	40 minuten (FEICA TM 1005-210)
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	<5%(FEICA TM 1004-2010)
Post-expansion	<1% (FEICA TM 1004-2010)
Cellular Structure	ca. 70% closed cells
Fire rating (DIN4102)	B3
Insulation factor (DIN52612)	35 mW/m.K
Compressive strength (DIN53421)	ca. 3 N/cm ² (FEICA TM 1010)
Bending strength (DIN53426)	Ca. 7 N/cm ²
Water absorption	1% volume

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

Soudafoam Gun 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.
- Low expansion

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

18 months unopened und stored in dry and cool conditions, Store upright is recommended

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

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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Health- and Safety Recommendations

Take the usual labour hygiene into account.
Always wear gloves and goggles. Remove cured foam mechanically. Never burn away.
Consult label and material safety data sheet 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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