

Soudafoam FR Gun

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Technical data

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin Formation (FEICA TM 1014)	8 min
Cutting Time (FEICA TM 1005)	55 min
Density	Ca. 25 kg/m ³
Box Yield (FEICA TM 1003)	750 ml yields ca. 43 l of foam
Joint Yield (FEICA TM 1002)	750 ml yields ca. 24 m of foam
Shrinkage (FEICA TM 1004)	< 10 %
Post-expansion (FEICA TM 1004)	< 1 %
Cellular Structure	Ca. 70 % closed cells
Resistance to fire (EN 1366)	110 min
Temperature resistance	-40 °C till +90 °C (cured)

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 FR Gun is a one-component, self-expanding, ready to use polyurethane foam, where the canister is provided with a thread so it can be used on a gun. Soudafoam FR Gun is a PU-foam with fire retardant characteristics according to Aust Standard AS1530.4-2005 and the European standard EN 1366- 4.

- Apply of an acoustic baffle
- All foam applications in static and not static joints.
- Sealing of all openings in roof constructions.

Properties

- Sealant for preventing the passage of smoke and gas.
- Meets Aust Standard AS1530.4-2005
- Fire resistant up to 110 min in joints up to 4 cm (EN 1366-4)
- High filling capacity
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.

Packaging

Colour: pink

Packaging: 750 ml aerosol (net)

Shelf life

12 months unopened and stored in dry and cool conditions, Upright storage is recommended

Applications

- Fire and smoke retardant sealant between walls, floors and ceilings.
- Installation of fireproof doors and windows.

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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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. For non-conventional substrates a preliminary adhesion test is recommended. 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 Gun & Foamcleaner or acetone. Cured foam can only be removed mechanically or with Soudal PU-Remover.

Can temperature: +5 °C - 30 °C

Ambient temperature: +5 °C - 30 °C.

Surface temperature: +5 °C - 35 °C

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.

Standards

- Test Report 9297 - University of Ghent
Standard NBN 713.020
- Test Report 13492B - Warrington Fire
Ghent: classification report according to
EN 13501-2
- BS 476:PART20 – Warrington Fire
Research Report
- ITB NP-0249.1/2009
- ITB NP-2049.2/2009

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