

Soudafoam FR

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Technical data

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin formation	8 min
Density	Ca. 25 kg/m ³
Temperature resistance	-40°C till +90°C (cured)
Curing time	2 hours for a 30mm bead
Drying time (20°C and 60% R.H.)	Dust-proof after 20 -25 min
Box Yield (TM 1003-2010)	750ml yields 30 l (FEICA TM 1003-2010)
Shrinkage	<5%(FEICA TM 1004-2010)
Post-expansion	<1% (FEICA TM 1004-2010)
Cellular Structure	Ca. 70 to 80% closed cells
Resistance to fire (EN 1366)	110 min.

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 is a single-component, self-expanding, ready to use polyurethane foam which has a fire rating of up to 120 minutes in certain configurations according EN 1366-4.

Properties

- Fire resistant up to 4 hours.
- Sealant for preventing the passage of smoke and gas.
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.
- Excellent stability (no shrinkage or post-expansion)

Applications

- Installation of fireproof doors and windows.
- Fire and smoke retardant sealant between walls, floors and ceilings.
- Sealing of all openings in roof constructions.
- Apply of a sound absorbing layer.

Packaging

Colour: light red

Packaging: 750 ml aerosol (net)

Shelf life

12 months unopened und stored in dry and cool conditions

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.

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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Standards

- Warrington N° 9297D
- Warrington N° 13429D
- ITB NP-2049.2/2009
- ITB NP-0249.1/2009

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