



SOUDAFOAM PRO

Revision: 0%0%201*

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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)	28 min
Density	Ca. 25 kg/m ³
Sound insulation (EN ISO 717-1)	58 dB
Insulation factor (DIN52612)	35 mW/m.K
Curing time (20 °C / 65 % R.H.)	60 min for a 30 mm bead
Box Yield (FEICA TM 1003)	750 ml yields ca. 41 l of foam
Joint Yield (FEICA TM 1002)	750 ml yields ca. 31 m of foam
Shrinkage (FEICA TM 1004)	< 5 %
Post-expansion (FEICA TM 1004)	None
Cellular Structure	Ca. 70 % closed cells
Fire rating (DIN4102)	B3
Insulation factor (DIN52612)	Ca. 31 mW/m.K
Compressive strength (FEICA TM 1011)	Ca. 3,5 N/cm ²
Shear strength (FEICA TM 1012)	Ca. 4,0 N/cm ²
Water absorption	1 % volume
Acoustic Rating	R _{ST,W} = 58dB
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:

Soudafoam Pro with CFC-free propellant is a one-component, selfexpanding, ready to use polyurethane foam. It contains CFC-free propellants, which are completely harmless to the ozone layer. It has been tested and approved for soundproofing by "ift Rosenheim".

Characteristics:

- Excellent adhesion on most substrates such as concrete, wood, PVC, Aluminum, (except PE, PP and Teflon)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or postexpansion)
- Very precise application due to the foamgun system resulting in controlled expansion.
- Low expansion

Remark: 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. In every case it is recommended to carry out preliminary experiments.

McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd.

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Application areas:

Installing of window- and doorframes
Filling of cavities
Sealing of all openings in roof constructions
Creation of a soundproof screen
Mounting and sealing of window- and doorframes
Connecting of insulation materials and roof constructions
Application of a soundproofing layer on motors
Improving thermal isolation in cooling systems

Packaging:

Aerosol can 750ml

Shelf life and storage:

- 12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°.
- Always store can with the valve pointed upwards

Application:

Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. 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.

Working temperature 5°C to 40°C. (20°C-25°C recommended)

Health and safety recommendation:

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away
- Consult the label for more information.

Remarks:

- Work in layers and repeat moistening after each layer
- Cured PU-foam must be protected from UV-radiation by painting or applying a top layer of sealant (silicone, MS Polymer, acrylic and PU-sealant)
- Respect the cleaning and storage instructions enclosed in the Foam Gun box.

Approvals:

- Prüfbericht Nr167 18612 to DIN 52210 "Fugenschalldämmung", ift Rosenheim

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