

Soudafoam SMX

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Technical data

Basis	Silane terminated SMX polymer
Consistency	Stable foam, thixotropic
Skin formation	ca. 10 min (at 20°C and 60% R.H.)
Density	Ca. 30kg/m ³
Temperature resistance	-40°C till +60°C (cured)
Curing time	1 hour for 30 mm bead at 20°C
Drying time (20°C and 60% R.H.)	Dust-proof after 20 -25 min
Box Yield (TM 1003-2010)	400ml yields 10l 5(FEICA TM 1003-2010)
Shrinkage	<5%(FEICA TM 1004-2010)
Post-expansion	<3% (FEICA TM 1004-2010)
Fire rating (DIN4102)	B3
Insulation factor (DIN52612)	35 mW/m.K

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 SMX is ready to use one component self expanding and 100 isocyanate free foam

Properties

- High filling capacity
- High insulation value, thermal and acoustic
- Good adhesion on all surfaces (except PE, PP and PTFE).
- Professional quality
- Isocyanate free

Applications

- To seal horizontal and vertical joints in wall and roof connections.
- Sealing of all openings in roof constructions.
- Filling of cavities.
- Apply of a sound absorbing layer.
- Apply of an acoustic baffle.
- Improving thermal isolation in cooling systems.

Packaging

Colour: white

Packaging: 500 ml aerosol (net)

Shelf life

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

Application method

Application method: Shake the aerosol can for at least 20 seconds. Fit the adapter on the valve. 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. Preferably wear plastic gloves. Keep out of reach of children. Since the can contains flammable propellant, all possible ignition sources should be removed before application. Do not smoke. Consult label and material safety data sheet 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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Remarks

- Slightly moistening of the surface in hollow spaces optimizes the good adhesion and the yield.
- Because of the diversity we recommend to do adhesion tests on aluminum lackers, textured coating and PVC before application.
- For filling of large cavities: apply foam in layers and repeat moistening after each layer.

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