

# Soudafoam Pro

Revision: 27/03/2023

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## Technical Data

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing System	Moisture Cure
Skin formation time (23°C/50% R.H) (min)*	6
Cutting Time (23°C/50% R.H) (min)*	30
Shear strength (EN 17333-4) (kPa)**	Ca. 37.0
Compressive strength (EN 17333-4) (kPa)**	Ca. 42
Reaction to fire classification (EN 13501-1)	No fire classification (F)
Expansion during curing (EN 17333-2) (%)	None
Expansion after curing (EN 17333-2) (%)	Ca. 60
Shrinkage after curing (EN 17333-2) (%)	< 3
Joint Yield (EN 17333-1)	750 ml yields ca. 33 m of foam
Box Yield (EN 17333-1)	750 ml yields ca. 44 l of foam
Thermal conductivity (EN 17333-5) (mW/m.K)	37,0
Sound insulation (EN ISO 717-1) (dB)	58
Temperature resistance** (°C)	-40 to +90 (cured)

\*These values may vary depending on environmental factors such as temperature, moisture and the type of substrate.

\*\*This information relates to fully cured products.

### Product description

Soudal Soudafoam Pro is a onecomponent, self-expanding, ready to use polyurethane foam, which contains HCFC- and CFC-free propellants who are not harmful for the ozone layer and 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).
- Very good bonding properties.
- Not UV-resistant
- High insulation value, thermal and acoustic
- Freon free (not harmless to ozone layer and greenhouse effect)

### Applications

- Installing of window and door frames.
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle
- Improving thermal isolation in cooling systems.

### Packaging

Colour: champagne  
Packaging: 750 ml aerosol (net)

### Shelf life

12 months unopened and stored in dry and cool conditions (Between 5 and 25 °C), Upright storage is recommended.

**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.

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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. When vaporizing (for example with a compressor), additional security measures will be required. Use only in well ventilated areas.

### 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. Prior to using the Gun & Foamcleaner, test whether surfaces are affected or not. Especially plastics and lacquer or paint layers can be sensitive to this. 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

### Remarks

- Moisten surfaces with a water sprayer prior to application. If you have to work in layers repeat moistening after each layer. For not common surfaces we recommend an adhesion test.

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