
SOUDAFOAM GUN CLICK&FIX

Revision date: 20/02/2005

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Technical Data:

Base	Polyurethane
Consistency	Stable Foam, thixotropic
Curing system	Moisture Cure
Skin formation (20°C/65 % R.H.)	Ca 8 minutes
Drying time (20°C/65 % R.H.)	Dust free after 20-25 min.
Curing rate (20°C/65 % R.H.)	1 h for a 30mm bead
Yield	1000 ml yields 35-40 L cured foam
Shrink	None
Postexpansion	None
Cellular structure	Ca 70-80% closed cells
Specific gravity	Ca 20 kg/m ³ (extruded, fully cured)
Temperature resistance	-40°C until +90°C when cured
Colour	champagne, light green (optional)
Fire class (DIN 4102 part 2)	B3
Insulation factor	32 mW/m.K
Shear Strength (DIN 53427)	15 N/cm ² (DIN53427)
Pressure Strength (DIN 53421)	3 N/cm ²
Bowing Strength (DIN 53423)	7 N/cm ²
Water Absorption (DIN 53429)	1% Vol.

Product:

Soudafoam Gun Click&Fix is a one-component, selfexpanding, ready to use polyurethane foam. It has been fitted with the unique patented Click&Fix adaptor system for maximum comfort in use. It contains CFC-free propellants, which are completely harmless to the ozone layer.

Characteristics:

- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustical insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or postexpansion)
- Very easy for use due the unique Click&Fix adaptor system.
- Very precise application

Application examples:

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:

Packaging: aerosol can 750mL

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

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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Application:

Shake the aerosol can for at least 20 seconds. Turn 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 Foamcleaner 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:

- 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 Click&Fix Foam Gun box.

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