



## SOULDAL FILL & FIX FOAM

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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.)	1,5 h for a 30mm bead
Yield	1000 ml yields 30-35 L cured foam
Shrink	None
Post expansion	None
Cellular Structure	Ca 70-80 % closed cells, medium fine cellular structure
Specific Gravity	Ca 25 kg/m <sup>3</sup> (extruded, fully cured)
Temperature Resistance	-40°C to +90°C when cured
Colour	Champagne
Fire Class (DIN 4102 part 2)	B3
Water Absorption (DIN 53429)	1% Vol.

**Product:**

Soudal Fill & Fix Foam with CFC-free propellant is a one-component, self expanding, ready-to-use polyurethane foam with 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 post expansion)

**Application areas:**

- Installation 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 layers
- Improving thermal insulation in cooling systems
- Installation of air conditioners

**Packaging:**

Aerosol cans 750 ml, 500 ml and 300 ml

**Shelf life and storage:**

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

**Application:**

*Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. Remove pressure from the applicator to stop. Fill holes and cavities for 50 %, 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 35°C. (20°C-25°C 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 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)

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