

## B2 FIRE RATED HAND HELD FIXING FOAM

<b>TECHNICAL DATA:</b>	<p> <i>Base:</i> Polyurethane  <i>Consistency:</i> Stable foam, thixotropic  <i>Curing System:</i> Moisture Cure  <i>Skin formation (20°C/65% R.H.):</i> Ca. 8 minutes (20°C/65% R.H.)  <i>Drying time (20°C):</i> Dust-free after 20-25 min.  <i>Curing Rate (*):</i> 1,5 h for a 30mm bead (20°C/65% R.H.)  <i>Yield:</i> 1000 ml yields 40 L cured foam  <i>Shrink:</i> none  <i>Post-expansion:</i> none  <i>Cellular structure:</i> Ca 70-80% closed cells  <i>Specific Gravity (DIN 53479B):</i> Ca. 27 kg/m<sup>3</sup> (extruded, fully cured)  <i>Temperature Resistance:</i> -40°C to +90°C when cured  <i>Colour:</i> champagne  <i>Fire class (DIN 4102 part 2):</i>B2  <i>Insulation factor:</i> Ca. 30 mW/m.K  <i>Shear strength (DIN53427):</i> Ca 14/cm<sup>2</sup>  <i>Pressure strength (DIN53421):</i> Ca 3/cm<sup>2</sup>  <i>Bowing strength (DIN53423):</i> Ca 7/cm<sup>2</sup>  <i>Water absorption (DIN53429):</i> 2% Vol.         </p>
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<b>PRODUCT:</b>	<p>B2 Fire Rated Hand Held Fixing Foam with CFC-free propellant is a one-component, self-expanding, ready-to-use polyurethane foam with propellants which are completely harmless to the ozone layer and meets the German Fire Class B2 (DIN 4102-Part 2).</p>
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<b>CHARACTERISTICS:</b>	<p>           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)         </p>
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<b>APPLICATIONS:</b>	<p>           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 layer on motors            Improving thermal insulation in cooling systems            Installation of air conditioners         </p>
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<b>PACKAGING:</b>	Aerosol can 750mL
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<b>SHELF LIFE AND STORAGE:</b>	<p>At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Always store can with the valve pointed upwards</p>
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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. 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)

**HEALTH- AND SAFETY  
RECOMMENDATIONS:**

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, PU and acrylic)

**APPROVALS:**

Fire Class B2 to DIN 4102-Part 2: Prüfzeugnis P-SAC 02/IV-010,  
MFPA Leipzig

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