

# Adheseal

## Adhefoam Construction

### DESCRIPTION

**Adhefoam Construction** is an one-component polyurethane foam. CFC free. Cures by absorbing water vapour from the air.

### APPLICATION

Filling, sealing and insulating of joints:

- partition walls with ceilings
- structural space between window- and door frames and walls
- structural- and fitting space between pre-fabricated construction elements
- seams between chimneys, roof protection, roof panels and wall panels
- around cables and pipes, penetrations through walls and ceilings
- glueing panels/insulating sheets (like polyurethane and polystyrene)

### METHOD OF USE

**Surfaces** : excellent adhesion to concrete, masonry, stone, plasterwork, wood, fibre cement and metals. Surfaces should be sound, dry, free of dust and grease. Porous surfaces should be pre-moistened with water.

**Application** : shake can vigorously before use. Remove the white cap. Screw the adapter onto the valve. Invert the canister (the valve is pointing downwards). By activating the adapter the amount of foam can be dosed and assembled. Joints and cavities should only be filled 50%. When filling deep holes and joints the foam should be applied in beads at short intervals of 1-2 hours.

**After use**: the can should be put away in vertical position and the valve and the tube should be cleaned.

### SAFETY

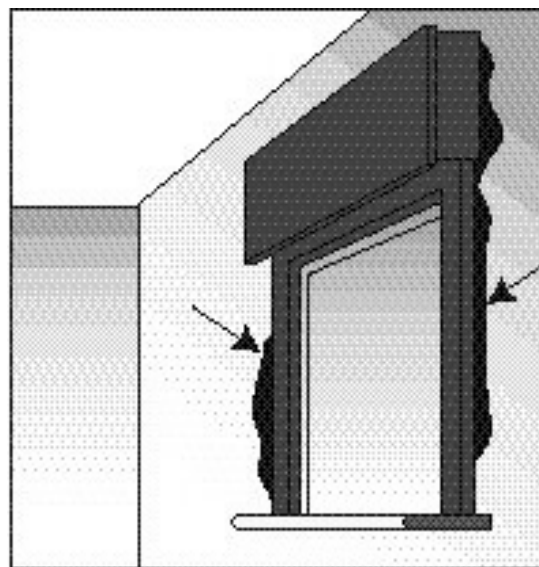
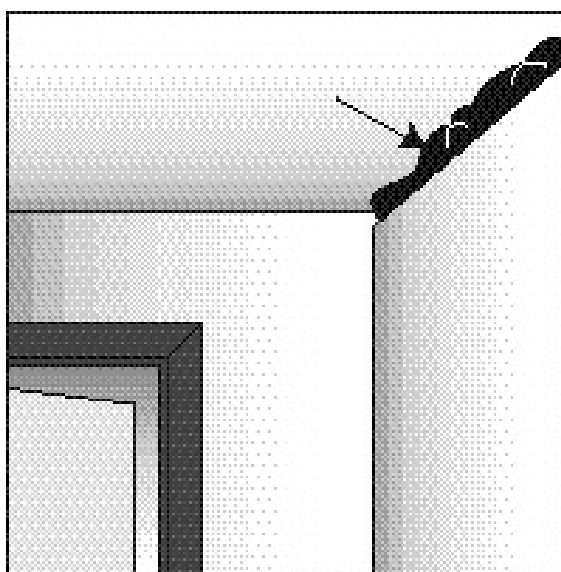
Read the danger designation on the label carefully before dispensing the foam. The foam should be used in well-ventilated areas. Do not smoke. Wear suitable protective clothing, gloves and eye protection. Protect adjacent surfaces with paper or plastic sheeting from accidental contamination. Remove spilled foam immediately with **ADHEFOAM GUN AND SPRAY CLEANER**. Cured foam can only be removed mechanically.

### PACKING

500 ml and 750 ml tin-plated cans  
12 cans per box.

### SHELF LIFE

Max. 12 months when stored upright in a cool and dry area.



*The data on this sheet have been drafted according to the last state of the laboratory data. Technical characteristics can be changed or adapted. We are not responsible in case of incompleteness. We recommend, before use, to check if the product is suitable for its application. Our general sales conditions apply. This version replaces all previous versions.*

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### PROPERTIES

<i>Base</i>	<i>polyurethane- prepolymer</i>
<i>Colour</i>	<i>yellow</i>
<i>Curing system</i>	<i>moisture</i>
<i>Character</i>	<i>flexible</i>
<i>Density</i>	<i>22-27 kg/m<sup>3</sup></i>
<i>Yield</i>	<i>30-40 liter (750 ml)</i>
<i>Fire class</i>	<i>B3 (DIN 4102, part 1)</i>
<i>Tack free</i>	<i>after approx. 8 min</i>
<i>Can be cut</i>	<i>after approx. 1 hour</i>
<i>Fully cured</i>	<i>after approx. 24 hours</i>
<i>Application temperature</i>	<i>ambient: + 5 °C up to + 30 °C</i>
<i>Minimum Surface Temperature</i>	<i>0 °C</i>
<i>Temperature resistance:</i>	<i>- 55 °C up to + 100 °C long term</i> <i>- 60 °C up to + 130 °C short term</i>
<i>Optimal Can temperature</i>	<i>22 °C</i>
<i>Thermal conductivity</i>	<i>0.03 W/m °K (DIN 52612)</i>
<i>Tensile strength</i>	<i>0.13 N/mm<sup>2</sup></i>
<i>Compression resistance</i>	<i>60 kPa (ISO 844)</i>
<i>Elasticity limit</i>	<i>175 kPa</i>
<i>No air permeation under pressure fluctuations of 900 Pa</i>	
<i>Movement Capacity</i>	<i>Max. 10%</i>

#### **GUARANTEE/WARRANTY:**

We warrant our product to be free of defects and manufactured to rigid quality control specifications. As it is impossible to control the use and application of the products, the company's liability is limited to the replacement of such quantities of product as are proven to be defective. The company disclaims any claims for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for purpose) are excluded. No representative is authorised to grant any warranty or waive this limitation of liability. All claims concerning must be made within twelve (12) months of shipment. Absence of such claim in writing during this period will constitute a waiver of all claims with respect to such product.

**Adequate Tests:** The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions contained herein are made without guarantee or representation as to the results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.

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