

## Fugendichtschaum Profi Fugendichtschaum

### Product Description

Moisture-reactive one-component special-polymer-PU-system from the aerosol can. For processing with a PU foam gun. Full yield and optimal foam structure is achieved only by sufficient shaking and moistening. Free from CFC, HCFC and HFC.

### Product Properties

- fire behavior according to EN 13501-1: class E / DIN 4102-1: class B2
- Sealing foam for driving rain-proof connections in the facade area
- improved resistance to UV radiation (approx. 10x higher UV stability than standard PU foams)
- very high elasticity:  $\pm 15\%$  acc. EN 17333-4
- very fast and even hardening
- easy and fast processing
- dimensionally stable
- high elongation and compression capacity
- heat insulating
- excellent resilience
- fine-pored foam structure
- resistant to aging
- frost resistant
- high bonding strength on most building substrates such as masonry, concrete and wood, on insulating materials, metals and many plastics
- excellent adhesion to wood, fiber cement, aerated concrete, concrete, masonry, plaster, XPS and rigid PVC
- easy to rework e.g. cutting, sawing, as well as plastering and painting



### Areas of Application

Connection joints in facades, skylights, attic conversions, partition walls, prefabricated walls, roller shutter boxes, air conditioning and ventilation structures, wooden structures

Joint sealing foam is recommended for joint widths between 8 and 20 mm. With a joint depth of 15 to 39 mm, the driving rain tightness is 450 Pa, from a joint depth of 40 mm it is 600 Pa.

## Form of Delivery

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Foam colour: blue  
Packing unit: 12 cans per box  
Can: 750 ml

Also available as a professional version without gloves for commercial users.

## Substrates

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### **Suitable substrates:**

masonry, plaster, wood, concrete, aerated concrete, bricks, clinker, plasterboards, fiberboards, various plastics, corrosion-protected metals, styrofoam, various other insulating materials, ceramics, tiles, stone

### **Conditionally suitable substrates:**

bitumen

### **Unsuitable substrates:**

PE, PP, PTFE, oily/greasy surfaces, gypsum, tar, silicone, corrosion-prone metals, some powder coatings, release agents

## Instructions for Use

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The adhesive surfaces must be clean, free from release agents and stable. Dust, grease, oil and loose parts must be removed before processing. For gypsum-based substrates, a suitable gypsum primer is recommended. Moisten dry surfaces before foaming. Metals must be provided with a protective coating to prevent corrosion damage due to moistening prior and after application. Cover adjacent areas sufficiently and put on personal protective clothing. Shake the can well at least 20 times before use. Remove cover/safety cap. Screw foam gun onto the can and foam sparingly/dosed.

After foaming, the foam should be sprayed again with water. This accelerates the reaction and ensures optimum curing. The optimum can temperature is between +10 and +25 °C. Deformation-sensitive components must be adequately supported until the foam has completely hardened. Low temperatures slow down curing significantly. Substrates must have temperatures above 0 °C throughout the curing time. The gap widths should not be more than 30 mm. For joints over 30 mm, possibly foam in several layers.

## Technical Data

Characteristics	Standard	Value
Fire behavior	EN 13501-1	class E
Movement capability	EN 17333-4	± 15 %
Processing temperature can min./max.		+5 to +35 °C
Processing temperature can optimal		+10 to +25 °C
Processing temperature environment min./max.		+0 to +35 °C
Processing temperature environment optimal		+10 to +25 °C
Yield free-foamed (20 °C/65 % RLF)	EN 17333	approx. 35 liters / 750 ml can
Skin forming time (20 °C/65 % RLF)		approx. 6 to 8 minutes
Cuttable at string thickness 2 cm (20 °C/65 % RLF)		approx. 15 to 20 minutes
Form stability (20 °C/65 % RLF)	EN 17333	± 5 %
Temperature resistance		-40 to +80 °C short term +120 °C
Bulk density SKZ method		15 to 20 kg/m <sup>3</sup>
Driving rain tightness	EN 1027	joint depth 15 to 39mm: 450 Pa joint depth from 40mm: 600 Pa
Water vapor diffusion resistance number	EN ISO 12572	μ = 12,4
Thermal conductivity	EN 12667	approx. 0,035 W/mK
Shelf life (dry, at 20 °C); higher temperatures shorten the storage time		9 months

## Safety Instructions

Wear gloves during processing as the fresh foam sticks strongly and can only be removed mechanically after hardening. Wear safety glasses. Remove fresh foam splashes with INSEBO PU-Universal-Reiniger. Hardened PU foam can only be removed mechanically.

Store upright and cool otherwise the valve may stick. Higher temperatures shorten the storage time.

Please refer to our safety data sheet and the product label for further information on product safety and handling.

Current safety data sheets and further information on our products can be found at [www.insebo.com](http://www.insebo.com).

## **Service**

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Upon request, our trained sales representatives are always at your disposal.

## **Disposal**

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For disposal instructions please refer to our safety data sheet and product label.

## **Additional Information**

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This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The use of Fugendichtschaum on bituminous substrates is only partially suitable due to the diversity of different bituminous building materials. Therefore, independent adhesion and compatibility tests are required before application.

The right to make technical changes is reserved.