# Technical Data Sheet

Version 08/2025

## GunXpert Weichzell B2 734 (Profi Weichzellschaum B2)
## GunTec Weichzell B2 733 (Weichzellschaum B2)


### Product Description

Moisture-reactive one-component polyurethane foam 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.

### Standards, tests and specifications

- EN17333-4: ± 15 % movement capability
- Water vapour diffusion resistance number: μ = 12,4
- Emicode© EC1$^{PLUS}$ – very low emissions
- EN13501: Fire behaviour class E
- DGNB/ÖGNI: Q4 in line 42 / Q2 in line 38

### Product Properties

- high elongation and compression capacity
- excellent resilience
- dimensionally stable
- fine-pored foam structure
- frost resistant
- resistant to aging - but not to UV radiation
- versatile gun foam
- easy and fast processing
- excellent adhesion to wood, fiber cement, aerated concrete, concrete, masonry, plaster,EPS, XPS and rigid PVC
- easy to rework e.g. cutting, sawing, as well as plastering, painting and papering on top
- very fast and uniform curing
- heat insulating



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## Form of Delivery

Foam colour: white
Packing unit: 12 cans per box
Can: 750 ml
Also available as a professional version without gloves for commercial users.

## Substrates

### 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

### Unsuitable substrates:

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

## Instructions for Use

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 optimal curing. The optimum can temperature is 20 °C. Deformation-sensitive components must be adequately supported until complete curing of the foam. Low temperatures slow curing significantly. Substrates must have temperatures of over 0 °C during the entire curing time. The gap widths should not be less than 5 mm and not more than 30 mm. For joints over 30 mm, possibly foam in several layers.



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## Technical Data

| Characteristics | Standard | Value |
|---|---|---|
| Fire behavior | EN 13501-1 | class E |
| ABP Germany | DIN 4102-1 | class B2 |
| Movement capability | EN 17333-4 | ± 15 % |
| Processing temperature can min./max. | | +10 to +35 °C |
| Processing temperature can optimal | | +15 to +25 °C |
| Processing temperature environment min./max. | | +10 to +35 °C |
| Processing temperature environment optimal | | +15 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 - 8 minutes |
| Cuttable at string thickness 2 cm (20 °C/65 % RLF) | | approx. 15 - 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 - 20 kg/m³ |
| 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 | | 12 months |



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## 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 AeroTec PU-Cleaner. 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.

## Service

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

## Disposal

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

## Additional Information

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.



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