Technical Data Sheet

GunXpert Weichzell 880 (Profi Weichzellschaum B3)
GunTec Weichzell 879 (Weichzellschaum B3)

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

- tested sound insulation: $R_{S,w}$ 63 dB
- EN17333-4: ± 20 % movement capability
- Tested airtightness: ≤ 600 Pa
- Water vapour diffusion resistance number: $\mu = 19$
- 2-level window connection system in accordance with ÖNORM B 5321
- Emicode© EC1^{PLUS} – very low emissions
- EN13501: Fire behaviour class B3
- DGNB/ÖGNI: Q4 in line 38 & 42

Product Properties

- system test according to ÖNORM B 5320 in combination with the foil tape Folienband FA Easy or Hannoband BG1
- processable from 5 °C to +35 °C ambient temperature
- high elongation and compression capacity
- excellent resilience
- dimensionally stable
- fine-pored foam structure

- 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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Areas of Application

windows, roof windows, attic conversion, doors, partition walls, precast walls, roller shutter boxes, air conditioning and ventilation systems, wooden structures

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.

Technical Data

Characteristics	Standard	Value
Fire behavior	DIN 4102-1	class B3
Movement capability	EN 17333-4	± 20 %
Rated joint sound reduction index $R_{S,w}$ (C; C_{tr})	EN ISO 10140	63(-2; -5) dB joint 10 mm wide, 100 mm deep 62(-1; -4) dB joint 20 mm wide, 100 mm deep 58 (-1; -3) dB joint 15 mm wide, 70 mm deep
Processing temperature can min./max.		+10 to +30 °C
Processing temperature can optimal		+15 to +25 °C
Processing temperature environment min./max.		+5 to +35 °C
Processing temperature environment optimal		+15 to +25 °C
Yield free-foamed (20 ° C/65 % RLF)	EN 17333	approx. 38 liters / 750 ml can
Skin-forming time (20 °C/65 % RLF)		approx. 8 - 12 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 12086	µ = 19
Thermal conductivity	EN 12667	0,0365 W/mK
Shelf life (dry, at 20 °C); higher temperatures shorten the storage time		12 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 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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