Technical Data Sheet

Version 06/2025

GunXpert Eco B2 756 (Profi Pistolenschaum LM)

Product Description

Moisture-reactive one-component polyurethane foam system (low monomer: < 0.1% free isocyanates) 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

- user-friendly: < 0.1% free isocyanates
- tested sound insulation: $R_{S,w}$ 62 dB
- Water vapour diffusion resistance number: μ = 21
- tested airtightness
- DIN 4102-1: Fire behaviour class B2
- Emicode© EC1^{PLUS} – very low emissions
- french VOC emission class A+
- DGNB/ÖGNI: Q2 in Line 38 & 42

Product Properties

- low monomer: < 0.1% free isocyanates
- no gloves necessary
- fire behavior according to DIN 4102-1:
- “flame retardant”, class B2
- versatile gun foam
- harmless when cured
- dimensionally stable
- easy to rework e.g. cutting, sawing, plastering, painting and wallpapering over
- 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
- heat insulating

INSEBO®
SOLUTIONS THAT MATTER

WS INSEBO GmbH
Industriestraße 24
A-2325 Himberg bei Wien
Tel.: +43/(0)2235/86227-0
E-Mail: office@insebo.com
Internet: www.insebo.com

Areas of Application

Windows, skylights, loft conversions, doors, partition walls, prefabricated walls, roller shutter boxes, air conditioning and ventilation systems, timber constructions, wall openings, airtight pipe penetrations

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, rigid foam panels, 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 bonding surfaces must be clean, free of release agents and sound. Dust, grease, oil and loose particles must be removed. A suitable gypsum primer is recommended for substrates containing gypsum. Dry substrates must be moistened before foaming. Metals must be given a protective coating to prevent corrosion damage caused by pre- and post-wetting. Cover adjacent surfaces sufficiently and wear personal protective clothing.

Shake can well at least 30 times before use. Screw the 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 hardening.

An opened can must be used within 4 weeks. In case of longer interruptions, repeat the shaking process. Fill cavities moderately, as the fresh foam expands by up to approx. 210 %.

The optimum can temperature is 20 °C. Components that are sensitive to deformation must be adequately supported until the foam has fully cured. Low temperatures slow down the curing process considerably. Substrates must have temperatures above 0 °C for the entire curing time. The gap widths should not be less than 5 mm and not more than 40 mm. For joints over 40 mm, foam in several layers if necessary.

INSEBO®
SOLUTIONS THAT MATTER

WS INSEBO GmbH
Industriestraße 24
A-2325 Himberg bei Wien
Tel.: +43/(0)2235/86227-0
E-Mail: office@insebo.com
Internet: www.insebo.com

Technical Data

Characteristics	Standard	Value
Fire behaviour	DIN 4102-1	class B2
Rated joint sound reduction index $R_{S,w}$ (C; C_{tr})	EN ISO 10140	62 (-1; -4) dB joint 10 & 20 mm wide, 100 mm deep
Processing temperature can min./max.		+5 to +30 °C
Processing temperature can optimal		+15 to +25 °C
Processing temperature environment min./max.		+5 to +30 °C
Processing temperature environment optimal		+20 °C
Yield free-foamed (20 °C/65 % RLF)	EN 17333	approx. 35 liter / 750 ml can
Skin forming time (20 °C/65 % RLF)		approx. 18 - 22 minutes
Cuttable at string thickness 2 cm (20 °C/65 % RLF);		approx. 40 minutes
Resilient after (20 °C/65 % RLF, moistened)		approx. 12 hours
Form stability (20 °C/65 % RLF)	EN 17333	± 5 %
Temperature resistance		-40 to +60 °C
Water vapor diffusion resistance number	EN 12086	μ = 21
Thermal conductivity	EN 12667	0,0365 W/mK
Shelf life (dry, at 20 ° C); higher temperatures shorten the storage time		18 months

INSEBO®
SOLUTIONS THAT MATTER

WS INSEBO GmbH
Industriestraße 24
A-2325 Himberg bei Wien
Tel.: +43/(0)2235/86227-0
E-Mail: office@insebo.com
Internet: www.insebo.com

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.

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 right to make technical changes is reserved.

INSEBO®
SOLUTIONS THAT MATTER

WS INSEBO GmbH
Industriestraße 24
A-2325 Himberg bei Wien
Tel.: +43/(0)2235/86227-0
E-Mail: office@insebo.com
Internet: www.insebo.com