

Technical Data Sheet

Zwaluw PU Gunfoam

Professional polyurethane gun foam



Product Description

Zwaluw PU-Gunfoam is a 1-component insulation and construction polyurethane foam developed to create a seal between construction parts. Zwaluw PU-Gunfoam cures in response to moisture from the air and the building material.

Benefits

- High quality professional PU Foam
- Good thermal performance
- High tensile compression and shear strength

Applications

Zwaluw PU-Gunfoam was developed to fill joints around window frames and in construction, partition walls, ceiling and floor joints, surface penetration of pipes and tubes through walls and floors. In general, Zwaluw PU-Gunfoam has excellent adhesion to concrete, brick, stone, plaster, wood, metal and many plastics like EPS and XPS, rigid PU foam and uPVC.

Directions Of Use

Canister temperature: +5°C to +30°C (recommended +15°C to +25°C) Application temperature (applies to environment and substrates): -15°C to +35°C (recommended +15°C to +25°C) Hold the canister with the valve turned upwards and affix an applicator gun with NBS-thread to the canister. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 20 times. Turn canister upside down and apply the foam.

To regulate the flow of the foam, loosen the valve at the back of the handle. Fill the cavity for 70%, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. When fixing window frames, use spacers and wedges to hold the frame in place for approximately 24 hours until the foam is fully cured. Protect eyes, wear gloves and protective gear. Floor-covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4 cm should be filled in multiple layers. Wait 15-30 minutes between applications. Before each application lightly spray with water. Only use in well ventilated areas. Store canister upright between +5°C and +25°C. Pressurized container! Protect from sunlight and do not expose to temperatures exceeding + 50°C. Do not pierce or burn, even after use. Contains flammable propellants. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking. For more information see Technical Bulletins in the Knowledge Base on our website www.denbraven.com.

Additional information

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80-100 minutes
Cutting time	EN 17333-3	20-40 minutes
Density		18-25 kg/m3
Dimensional stability	EN 17333-2	-5% < DS <0%
Fire behaviour		B3
Joint sound insulation		62 dB
Tack free time	EN 17333-3	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	700 ml = 40-45 liter

These are typical values



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Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load. Not suitable for use (eg filling) in cavities with insufficient moisture

Surface Preparations and Finishing

Substrates must be clean and free of dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

Paintability

Can be painted or covered with sealant/plaster when fully cured.

Cleaning

Fresh foam can be removed immediately with Zwaluw Universal PU-Cleaner. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

Colour(s)

- Light Green

Packaging

- Can

For product specifications, please refer to the Product Detail Page

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 18 months from production date. Store the canisters in an upright position.

Certifications

	ISO 717-1 Joint Sound Insulation EN 12667 Thermal Performance DIN 12354-3 Joint Sound Insulation
GEV-EMICODE EC 1 PLUS very low emission	EMICODE EC1 Plus – very low emission

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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