



Technical Data Sheet

Zwaluw® PU-Foam

Hand held polyurethane foam



Product Description

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

Benefits

- High quality professional PU Foam

Applications

Zwaluw PU-Foam has been developed for filling joints around window frames and constructions themselves, partition walls, ceiling and floor joints, surface penetrations of pipes and tubes through walls and floors. In general, Zwaluw PU-Foam has an excellent adhesion on 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 till +25°C)
Application temperature (applies to environment and substrates): +5°C to +35°C (recommended +15°C till +25°C)

Remove cap and screw the straw firmly onto the valve. Shake the canister vigorously prior to use at least 20 times. To apply foam, turn the canister upside down and press the adaptor. Half fill the cavity and, 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 and wear gloves and working clothes. 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. Waiting time between applications 15-30 minutes. 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 till +35°C
Base		Polyurethane
Closed Cells		± 70%
Curing Time	FEICA TM1015	100 - 120 minutes
Cutting Time	FEICA TM1005	60 - 80 minutes
Density		20-30 kg/m3
Dimensional Stability	FEICA TM1004	-5% < DS <0%
Fire Behaviour		B3
Joint sound insulation		58 dB
Tack free time	FEICA TM1014	10 - 15 minutes
Temperature Resistance		-40°C till +90°C
Thermal conductivity		30-35 mW/m.K
Yield	FEICA TM1003	750 ml = 35 - 40 liter

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous water load and for filling/injecting big, hollow spaces where insufficient moisture is available.





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

Colour(s)

- Green


Packaging

- Canister 750 ml

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place. Store the canisters in an upright position.

Certifications

	<p>FEICA member</p>
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Health & Safety

Product Health and Safety Data Sheet must be read and understood before use. These are available on request and via the Den Braven websites.

Warranty & Guarantee

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

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