



# Den Braven

## Technical Data Sheet

### Zwaluw Maxi PU foam B3

Professional polyurethane foam with high yield



#### Product Description

Zwaluw Maxi PU foam B3 is a 1-component insulation and construction foam developed to create a seal between construction parts. Zwaluw Maxi PU foam B3 cures in response to moisture from the air and the building material.

#### Benefits

- High quality professional PU Foam
- High yield

#### Applications

Zwaluw Maxi PU foam B3 was developed to fill joints around window frames and in construction. Also for use in partition walls, ceiling and floor joints, surface penetration of pipes and tubes through walls and floors. Zwaluw Maxi-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): +5°C to +35°C (recommended +15°C to +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, wear gloves and protective gear. Floor-covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4cm 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](http://www.denbraven.com).

#### Additional information

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		100-120 minutes
Cutting time	EN 17333-3	60-80 minutes
Density		20-30 kg/m³
Fire behaviour		B3
Tack free time	EN 17333-3	10-15 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	750 ml = 30-35 liter

*These are typical values*

#### 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.



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Better  
results  
through  
knowledge

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#### 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)

- Yellow

#### Packaging


- Aerosol

*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

	EMICODE EC1 Plus – very low emission
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#### 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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