



## Technical Data Sheet

### Zwaluw Purfoam-2C B2

2-Component mounting and insulation foam



#### Product Description

Zwaluw Purfoam-2C B2 is a fast curing 2-component mounting and insulating polyurethane foam with a high dimensional stability which cures regardless of moisture and joint measurement.

#### Benefits

- Excellent adhesion to concrete, masonry, wood and many plastics
- Excellent properties for heat resistance and noise reduction
- For filling cavities with insufficient access to moisture

#### Applications

Zwaluw Purfoam-2C B2 was developed for filling joints between windows and door frames. Due to it's thermal properties and the 2-component system Zwaluw Purfoam-2C B2 can also be used for joints with insufficient moisture access. Zwaluw Purfoam-2C B2 has an 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: +15°C to +25°C Application temperature (applies to environment and substrates): +10°C to +35°C At lower temperatures or wider joints, let the foam sit for 1 to 2 minutes after activation before application. Rotate the disk at the bottom of the canister 6 times and shake the canister vigorously at least 20x. Canister must be processed immediately after activation within the indicated time. The Purfoam-2C Fast heats after activation (risk of

bursting!). Remove the cap and screw the straw on to the canister and shake strongly. Turn canister upside down and apply the foam by using the handle. The foam should be evenly coloured. In case of color differences, shake canister again. Support doors and window frames for at least 3 hours supported after application so the Purfoam-2C Fast can cure. Floor-covering and furniture to be covered with paper or plastic foil. 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		+15°C till +25°C
Base		Polyurethane
Curing time		30 min
Cutting time	FEICA TM1005	10 minutes
Density		ca. 35 kg/m <sup>3</sup>
Fire behaviour		B2
Joint sound insulation		63 dB
Tack free time	FEICA TM1014	6 min
Temperature resistance		-40°C to +90°C
Thermal conductivity		0,035 W/m.K
Yield		400 ml = 10 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



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#### Surface Preparations and Finishing

Substrates must be clean and free of dust, oil and grease. Do not moisten the substrates before use. Porous building materials like concrete and gypsum should be pre-treated with PU Primer.

#### 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 the surplus of the foam can be removed with a knife or spatula and the foam surface can be finished.

#### Colour(s)

- Light Blue

#### 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 15 months from production date. Store the canisters in an upright position.

#### Certifications

	Dimensional stability for mounting of door frames (4 types) DIN 4102-1 Reaction to fire FEICA member A+ French VOC Regulation Emicode EC1 Plus
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#### Health & Safety

Product 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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