



## Technical Data Sheet

### Zwaluw High Tack

The one and only original adhesive with extremely high initial tack



#### Product Description

Zwaluw High Tack is a high quality professional adhesive with an extremely high initial tack based on hybrid technology. It cures under influence of humidity to form a durable elastic rubber.

#### Benefits

- Extremely high initial tack
- No mechanical support required during curing
- High mechanical resistance, end strength and E-modulus
- Free of isocyanates, phthalates, solvents and silicones
- Permanently elastic
- No shrinkage and bubble free
- Non corrosive towards metals
- Neutral curing, almost odourless
- Resistant to moisture and weather
- Adheres perfectly without primer on most, even damp, surfaces

#### Applications

Zwaluw High Tack was specifically developed as a universal adhesive for bonding many building materials such as: stone, concrete, mirrors, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, tin, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels (1), wood and paintsystems.

#### Remark (1)

For bonding HPL and cement fibre panels see Technical Bulletins in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

#### Directions Of Use

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10-20 cm distance between stripes. Bring the materials into position and press firmly so that the adhesive is a minimum of 2-3 mm thick between material and surface. Do not apply the adhesive in dots! Because of the high initial strength, support during curing is usually not necessary. For further questions please contact our technical department.

#### Additional information

100 % modulus	DIN 53504 S2	1,39 N/mm <sup>2</sup>
Application rate	@ Ø2,5 mm/6,3 bar	10-20 g/min
Application temperature		+5 °C to +40 °C
Base		Hybrid
Curing time	@ +23 °C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,55 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15 °C
Shorea hardness	DIN 53505 3 sec.	55
Skin formation	DBTM 16	10 minutes @ +23 °C/50% RH
Temperature resistance		-40 °C to +90 °C
Tensile strength	DIN 53504 S2	2,20 N/mm <sup>2</sup>

*These are typical values*

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water



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- Not suitable for movement joints
- Not suitable in combination with chlorides (pools)

### Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). Due to the structure of the Zwaluw High Tack we recommend using a caulking gun with the correct transmission in combination with the V-nozzle. All substrates must be solid, clean and free from grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw High Tack adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application.

### Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

### Colour(s)

- Black
- White

### Packaging

- Cartridge

*For product specifications, please refer to the Product Detail Page*

### Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

### Certifications

	<p>Emicode EC1 Plus M1 A+ French VOC Regulation</p>
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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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