



# Den Braven

## 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 fixation or support needed 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

### Zwaluw High Tack

The one and only original adhesive with extremely high initial tack

- 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

|   |                  |
|---|------------------|
|  | Emicode EC1 Plus |
|---|------------------|

|  |                          |
|--|--------------------------|
|   | M1                       |
|   | A+ French VOC Regulation |
|  | ISEGA                    |

### 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.

### Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.