



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.

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 ² |
| 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 ² |

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

| | |
|---|------------------|
|  | 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.

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