



## Technical Data Sheet

### Zwaluw PU-Constructionfix D4 1-component polyurethane adhesive



#### Product Description

Zwaluw PU-Constructionfix D4 is a liquid polyurethane adhesive. The adhesive cures by reacting with moisture on the substrate and environmental humidity and forms a strong, durable, water resistant connection. The adhesive fills gaps excellently, by slightly foaming during curing, depending on the amount of moisture on the substrate.

#### Benefits

- Fast curing
- High tensile strength
- For interior and exterior use
- D4 NEN-EN 204/205

#### Applications

Zwaluw PU-Constructionfix D4 was developed as a water resistant adhesive for areas that are regularly exposed to water and condensation for longer periods of time. Can be applied on doors and window frames and sandwich constructions.

#### Directions Of Use

Apply the adhesive from the cartridge to one side. Connect the materials to be bonded together within the correct time frame. Prevent any displacement. Put some pressure on the connection for at least 8 hours. Battens, skirting and other applications. Apply the adhesive equally in dots or stripes of 20 cm apart. The material must be put into place by moving slightly and applying an even pressure. Finally press firmly. Clamp time 8 hours. Due to the large diversity of surfaces, testing is recommended. Foam formation of the adhesive as

a result of insufficient pressure or a bad fit leads to decreased end strength. For more information see Technical Bulletins in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

#### Additional information

Application temperature		+7°C to +30°C
Base		Polyurethane
Curing time	@ +23°C/50% RH	24 hours
Density	ISO 1183-1	1,14 g/cm3
Skin formation	@ +20°C/50% RH	35 minutes
Tensile strength	DIN EN 1465	13 N/mm <sup>2</sup>
Usage		100-350 g/m <sup>2</sup>
Viscosity		4900 mPa.s

*These are typical values*

#### Limitations

- Metals such as aluminium, copper and brass can only be bonded when the surfaces are chemically pretreated or painted. If in doubt, consult Bostik
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, bituminous substrates and larch wood

#### Surface Preparations and Finishing

Application temperature (applies to environment and substrates): +5°C to +30°C. All substrates must be solid, clean, dry, and free from grease and dust. Remove loose particles from surfaces. Always test adhesion prior to application. For proper curing one of the substrates must be porous.

#### 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)

- Brown



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#### Packaging

- Bottle

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

#### Shelf Life

Store the hermetically closed original trading units in a dry place at temperatures of +15 °C to +25 °C no direct sun radiation.

#### 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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