



**Den Braven**

## Technical Data Sheet

### Zwaluw PU-Constructiontix Super

Super fast transparent polyurethane adhesive



#### Product Description

Zwaluw PU-Constructiontix Super is a fast curing transparent polyurethane adhesive with a pasty (thixotropic) structure, which makes the adhesive suitable for vertical applications. 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, excellent gap filling properties
- Water resistant (D4)
- High tensile strength
- Suitable for bonding wood, metal, concrete, plastic and insulation material

#### Applications

Zwaluw PU-Constructiontix Super was developed to bond wood, metal, stone, concrete, plastic and insulation materials like PU foam, PS foam, rockwool and glass wool. Suitable for exterior finger joints.

#### Directions Of Use

Apply the adhesive from the cartridge on to one side. Connect the materials to be bonded together within the correct time frame. Prevent any displacement. Panel applications: Apply Zwaluw PU-Constructiontix Super in 6 mm beads 5 cm from the edge and approximately 20 to 40 cm apart. Immediately press the panel firmly

to the wall. Clamp time 15-30 minutes. 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 even pressure. Finally press firmly. Clamp time 15-30 minutes. 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		+5°C to +40°C
Base		Polyurethane
Density	ISO 1183-1	1,12 g/ml
Frost resistance during transportation		Up to -15°C
Open time	@ +23°C/50% RH	5 minutes
Shearing strength	ISO 4587	± 12 N/mm <sup>2</sup>
Skin formation	@ +23°C/50% RH	± 7 minutes
Temperature resistance		-30°C to +80°C

*These are typical values*

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Yellowing may occur if the glue is exposed to UV light

#### Surface Preparations and Finishing

Application temperature (applies to environment and substrates): +5°C to +40°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.



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Better  
results  
through  
knowledge

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#### Colour(s)

- Transparent

#### Packaging

- Cartridge

*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 12 months from production date.

#### Certifications

	A+ (Eurofins ISO 16000) SKH EN 204 D4 WATT 91 KOMO 32985
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#### 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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