

# Technical Documentation

## SEAL-IT® 731 CONSTRUCTBOND-PU D4

### Description

SEAL-IT® 731 CONSTRUCTBOND-PU is a high-quality, fast-curing and highly waterproof construction adhesive. Specifically designed for sealing and strong bonding of various wood elements, it has a PU base which means that it moisture-cures into a durable construction adhesive.

### Applications

- Specifically designed to create fast, strong, waterproof and sealing bonds for wood elements on many materials.
- Bonding of wood construction joints in doors, windows, window frames and other construction elements.
- Bonding of façade, ship and interior panelling .
- Bonding of sandwich panels.
- Bonding of wood elements to porous and non-porous surfaces, such as wood, metals, stone, concrete, polystyrene foam and more.
- Bonding in the furniture and marine industries.
- Ideal for bonding on uneven surfaces, high filling capacity.
- Highly waterproof and strong bonding in indoor and outdoor constructions.

### Properties

- Foaming/effervescent/filling.
- Fast curing.
- Waterproof in accordance with NEN-EN 204 D4.
- Excellent adhesion and processing properties.
- High final strength and load-bearing capacity, fast curing and strength build-up.
- Versatile indoor and outdoor uses.
- Long-lasting resistance to high temperatures, moisture and chemicals.
- Sandable and paintable.

### Standard product line

Colour	12 x 250 gr	6 x 750 gr
Beige	SI-731-0000-250	SI-731-0000-750

Other packaging in buckets/IBC.



### Connect Products B.V.

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### Technical product data

<b>Material type</b>	1-COMPONENT POLYURETHANE
<b>Curing +23°C/50% RH</b>	24 hours
<b>Density (DIN 53479)</b>	1.10 +0.05 g/cm <sup>3</sup>
<b>Open time (+23°C, 50% H.R)</b>	approx. 5 min. depending on temperature, humidity and porosity of surface.
<b>Skin formation</b>	approx. 5-15 min at +5°C and +35°C
<b>Temperature resistance</b>	-30°C to + 70°C
<b>Viscosity</b>	6000 mPa·s
<b>Consumption</b>	22-32 g/m <sup>2</sup>

### Shelf life

In unopened original packaging, stored in a cool, dry place between +5°C and +25°C, the product will last up to 15 months after the production date.

### Application conditions

- Processing temperature (ambient and surface) between min. +5°C and max. +40°C.
- Use on load-bearing, tolerant, dry, clean surfaces free of grease and dust.
- The adhesive will cure faster when used on porous surfaces in high humidity.
- Use a suitable brush to remove any loose particles from the surface.
- Degrease surfaces thoroughly using SEAL-IT® 510 CLEANER.
- Apply SEAL-IT® 731 CONSTRUCTBOND-PU evenly in a thin layer (possibly with a brush) on one and/or both surfaces to be bonded and join together within 2 minutes.
- The clamping time of SEAL-IT® 731 CONSTRUCTBOND-PU should be at least 15-20 min.

### Limitations & recommendations

SEAL-IT® 731 CONSTRUCTBOND-PU is not suitable for sealing joints or for use on PE, PP, PC, PMMA, PTFE, non-rigid plastics, neoprene and bituminous surfaces. SEAL-IT® 731 CONSTRUCTBOND-PU adheres perfectly on most surfaces without the use of primer. Avoid mechanical, thermal or chemical stress before curing is complete. Repair using the same material. Always carry out an adhesion and material compatibility test beforehand.

### Cleaning

Remove fresh/uncured excess material from surfaces and tools using SEAL-IT® 510 CLEANER. Clean hands/skin using SEAL-IT® 515 ULTRA-WIPES. Cured material must be removed mechanically using the right tools.

### Health & safety

Avoid prolonged contact with skin. If uncured material gets in your eyes, rinse immediately with water and consult a doctor. Product safety sheet available on request.



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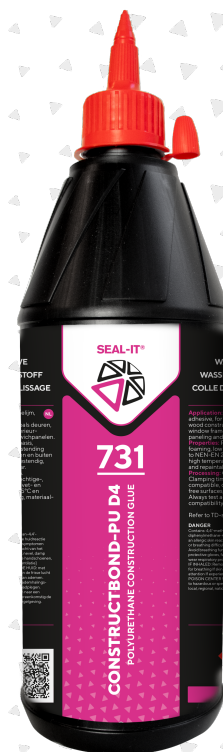
## SEAL-IT® 731 CONSTRUCTBOND-PU D4

### Warranty & liability

Connect Products BV guarantees that within the shelf life, its product meets the specifications. Liability will never exceed that which is laid down in our terms of sale and delivery. Under no circumstances shall the seller be liable for any consequential damages. The information provided is based on our testing and experience and is all of a general nature. However, this does not imply liability in any way. It is the user's responsibility to carry out their own testing in order to determine whether the product is suitable for application.

### Certificeringen

DIN - EN 204 D4



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