

Technical Documentation

SEAL-IT® 732 TIXBOND-PU D4

Product

Seal-it® 732 Tixbond-PU D4 is a fast-curing professional polyurethane adhesive with a pasty (thixotropic) texture. It is specifically designed for bonding wooden elements to various substrates for both indoor and outdoor use. The adhesive has a filling capacity, which means it will foam slightly during curing, depending on the moisture content of the substrate.

Applications

- For bonding all wooden joints such as window frames, skirting boards, sheet material, and floorboards.
- Surface bonding, dowels, wood joints, mortise and tenon joints, and dovetails.
- For bonding wood to metal, stone, concrete, plastic, and insulation materials (PU foam/PS foam), rock wool, and glass wool.
- Suitable for indoor and outdoor applications such as exterior finger joints.
- Ideally suited for ship and interior paneling.

Properties

- Very fast curing.
- Limited filling, slightly effervescent.
- Low-odor and solvent-free.
- Thixotropic; good adhesion, non-drip.
- Sandable and paintable.
- Versatile for indoor and outdoor use.
- Waterproof according to NEN-EN 204 D4.
- Durably weather, water, and moisture resistant.



Standard assortment

Colour **12 x 310ml cartridge**

**Transparent-
creme** SI-732-0000-310

Other packaging on request.

Technical product data

PROPERTY	NORM	SPECIFICATION
Base		Polyurethane, 1-component
Skin formation time	+23°C/50%RV	± 7 minutes
Density		1,13 g/ml
Shear strength	ISO 4587	± 12 N/mm ²
Temperature resistance once fully cured		-30°C tot +80°C
Application temperature		+5°C tot +40°C

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Shelf life

Store in a cool, dry place between +5°C and +25°C. Shelf life in unopened original packaging is up to 12 months from the date of production.

Application conditions

- Processing temperature (ambient and substrate) between min. +5°C and max. +40°C.
- Wood moisture content must be between 10% and 18% (max. 25%).
- On compatible, load-bearing, clean, and grease-free substrates.
- Remove loose particles from the substrate using a suitable brush.
- Thoroughly degrease the substrate using Seal-it® 510 CLEANER.
- Always test the substrates for adhesion beforehand.
- For proper adhesion, one of the substrates must be porous.
- Apply adhesive from the tube to one of the substrates in ridges, stripes, or dots. If necessary, spread further with a 1mm fine-toothed adhesive spreader.
- Place the substrates to be bonded together within the specified time and prevent shifting.
- Connect the joints properly to ensure a proper bond.

Limitations and recommendations

Not suitable for PE, PP, PC, PMMA, soft plastics, neoprene, and bituminous substrates. Yellowing may occur when the adhesive is exposed to UV light.

Cleaning

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

Health and safety

Avoid prolonged skin contact. If uncured material comes into contact with the eyes, rinse immediately with water and consult a physician. Store SEAL-IT® 732 TIXBOND-PU D4 in a closed container in a safe place, out of reach of children. Use in well-ventilated areas, do not smoke, and keep away from open flames (highly flammable). Always wear safety glasses, suitable gloves, and work clothing. A safety data sheet is available upon request.

Warranty and liability

Connect Products B.V. guarantees that its product, within the shelf life, is in accordance with the specifications. The liability will never exceed what is stipulated in our general terms and conditions of sale and delivery. Under no circumstances is the seller liable for any consequential damage. The information provided is the result of our testing and experience and is of a general nature. However, it does not imply any liability. It is the responsibility of the user to determine whether the product is suitable for the application through their own tests.



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