

STICK-ONN • FURNITURE GRADE • CODE SO-PUR

Stick-Onn 1K PUR Adhesive

Single component moisture-curing polyurethane for doors, WPC sheets, modular furniture, solid wood and exterior-grade assemblies.

Product Description

Stick-Onn 1K PUR Adhesive is a premium one-component, moisture-curing polyurethane adhesive for professional woodworking and industrial bonding. It cures on exposure to atmospheric moisture, offers strong gap filling and fast setting, and gives a durable, flexible bond that withstands heat, moisture, cold and changing weather.

Technical Specification

Property	Typical value
Base	1-component polyurethane (moisture curing)
Colour	Yellowish liquid
Solid content	88% (±2%)
Viscosity (25°C)	16500 – 17000 mPa·s
Density	1.10 – 1.15 g/cm ³
Initial grab	10 – 15 minutes
Full cure	24 hours
Shelf life	6 months from the date of manufacture, sealed
Pack size	500 g, 24 kg

Values are typical and given for guidance; they are not a specification.

Areas of Application

- Door and window manufacturing
- WPC sheet bonding and modular furniture
- Solid wood and tropical hardwood bonding
- Sandwich panels, insulation boards, fireproof boards and sound-dampening materials
- Galvanised metal sheets, lightweight construction substrates and decorative materials

Features & Benefits

Product Features

- Moisture-curing polyurethane technology for superior bond strength
- Single component: no mixing, no ratio error
- Fast initial grab in 10 – 15 minutes
- Excellent gap filling and foaming action
- Heat, moisture and cold resistant; weather resistant for exterior-grade assemblies
- Dries clear and can be sanded or painted

Product Benefits

- Industrial-grade structural strength
- One adhesive across several substrate types
- Reduces bond-line failure in exterior applications

Application Method

- Ensure the surfaces are dry, clean and free from dust, oil and grease.
- Apply with a brush, roller or spatula onto one surface.
- Assemble the components immediately and clamp firmly.
- Initial setting occurs in 10 – 15 minutes; full bond strength develops within 24 hours. The adhesive expands slightly while curing to fill gaps.
- Remove uncured adhesive with acetone or mineral spirits. Once cured, scrape or sand away the excess.

Storage & Handling

- Moisture-curing product: store in an airtight container at room temperature and avoid exposure to moisture.
- Use promptly after opening to prevent the adhesive curing inside the pack.
- Contains diisocyanates: wear protective gloves and safety goggles. Keep out of reach of children.

Health & Safety

Read the Material Safety Data Sheet (Doc. No. MSDS/SO-PUR) before use. It is available at www.synergybonding.in/datasheets.

Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.