

STICK-ONN • FURNITURE GRADE • CODE SO-DF

Stick-Onn Drill Free Adhesive

High tack MS polymer nail-free adhesive that replaces nails, screws and clamping for indoor and outdoor fixing work.

Product Description

STICK-ONN Drill Free is an instant grip adhesive sealant based on advanced MS polymer technology. Its instant grab eliminates the need for bracing, nailing, screwing and other fastening devices. It is solvent, silicone and isocyanate free and non-staining on natural stone, with excellent UV, weather and temperature resistance. It adheres to a wide variety of substrates and can be painted with most common industrial paints.

Technical Specification

Property	Typical value
Base	MS polymer
Curing system	Moisture curing
Colour	White
Density	Approx. 1.54 g/ml
Skin over time	10 – 15 minutes
Curing rate (23°C / 50% RH)	3 – 4 mm per 24 hours
Tensile strength	Approx. 2.5 MPa
Elongation at break	Approx. 300%
Shore A hardness	Approx. 50
VOC content	< 3%
Application temperature	5°C to 40°C
Service temperature	-30°C to +100°C
Standards	ISO 11600 F 20HM; ASTM C 920; ASTM C 1248 (non-staining)
Shelf life	12 months from the date of manufacture
Pack size	310 ml, 400 ml, 450 ml cartridges

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

Areas of Application

- Wood panels and moulding
- Mirrors and frames
- Glass, tiles, stone and marble
- PVC and WPC panels

Features & Benefits

Product Features

- Instant grab, no clamping, bracing or nailing required
- High strength, permanently flexible bond with no shrinkage
- Good primerless adhesion on many common construction substrates
- High UV and aggressive atmosphere resistance
- Solvent, silicone and isocyanate free; low VOC
- Non-staining, including on natural stone; paintable after curing
- Excellent low temperature gunnability

Product Benefits

- Replaces nails, screws and clamping entirely
- Bonds even to damp surfaces
- Works indoors and outdoors, in all weather

Application Method

- Ensure all surfaces are clean, dry and free from loose dirt, dust, oil and grease. Clean and degrease metal surfaces.
- Cut the nozzle tip to suit the joint width and fit it to the cartridge; fit the cartridge to a suitable gun.
- Fill the joint in one go, without gaps.
- Bond both substrates before the skin forms (10 – 15 minutes) and allow to cure.
- Use opened packs as quickly as possible.
- Clean tools and contaminated areas with white spirit or alcohol within 10 minutes; cured adhesive can only be removed mechanically.

Storage & Handling

- Store in a cool, dry place away from direct sunlight and moisture, below 30°C.
- Shelf life: 12 months from the date of manufacture in these conditions.
- Clean tools with white spirit or alcohol within 10 minutes; cured adhesive can only be removed mechanically.

Health & Safety

Read the Material Safety Data Sheet (Doc. No. MSDS/SO-DF) 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.