

Stick-Onn Epoxy Resin Adhesive

Two-Component Epoxy System for Heavy-Duty Structural Bonding

01 PRODUCT DESCRIPTION

A two-component structural epoxy system — Resin (Part A) and Hardener (Part B) — engineered for demanding industrial and assembly bonding where extreme strength and gap filling are both required. It bonds dissimilar substrates including metal, stone, wood, concrete and ceramic, and cures to a rigid, chemical- and heat-resistant joint.

02 KEY FEATURES

- Two-component system — resin and hardener mixed before use
- Extremely strong structural bond
- High gap-filling capability
- Chemical resistant
- Heat resistant
- Bonds dissimilar substrates — metal, stone, wood, ceramic

03 APPLICATIONS

Metal bonding

Structural repairs

Industrial assembly

Load-bearing joints

04 DIRECTIONS FOR USE

- Ensure surfaces are clean, dry and free from oil and grease; abrade smooth surfaces for best adhesion.
- Mix Part A and Part B in a 1 : 1 ratio until uniform in colour.
- Apply within the 30 – 40 minute pot life and join parts immediately.
- Clamp or support until cured; full strength develops in 24 hours at 25°C.

05 CLEANING

Clean tools with acetone or thinner before cure. Cured epoxy can only be removed mechanically.

06 STORAGE

Store both components in tightly closed original containers in a cool, dry place between 5°C and 35°C.

07 TYPICAL TECHNICAL DATA

System	Epoxy resin (Part A) + hardener (Part B)
Mix ratio	1 : 1
Pot life	30 – 40 minutes at 25°C
Cure time	24 hours at 25°C
Tensile strength	15 – 30 MPa
Shelf life	12 months from the date of manufacture in original sealed packing.

Values are typical and indicative; not to be used as specification limits.

08 COMPATIBLE SUBSTRATES

Metal

Concrete

Wood

Stone

Ceramic

09 PACK SIZES

Resin (Part A) — 1 kg

Hardener (Part B) — 800 g

10 HEALTH & SAFETY

Read the label and the Material Safety Data Sheet (MSDS) before use. Keep out of reach of children. MSDS available at www.stickonn.in/downloads.

Disclaimer: The information and recommendations in this data sheet are based on our tests and experience and are believed to be reliable. As conditions and methods of use are beyond our control, users should determine the suitability of the product for their purpose before full-scale use. Products are sold subject to the company's standard terms and conditions of sale. Specifications are subject to change without notice.