STRUCTURAL ADHESIVE/SEALANT

FAST CURE POLYURETHANE ADHESIVE/SEALANT

Date: 22 June 2021

YOUR SMART ADVANTAGES

- High performance
- Fast cure
- Good adhesion
- Good initial grab
- Stays permanently flexible
- Excellent weather resistance

USES

- Adhering cladding panels to various building materials
- Adhering common building materials such as metals, enameled substrates, concrete, cement sheet, masonry, brick and some plastics
- For bonding sheet metal, aluminium, stainless steel, GRP, injection molded polyurethane and timber
- General construction
- Industrial maintenance applications
- Sealing joints between building panels and elements.

PRODUCT CHARACTERISTICS

Colour	Off white
Coverage	Approximately 26.5 lineal metres for a 6mm bead
Application temperature	5°C to 35°C
Service temperature*	-40°C to 70°C
Product code 600ml sausage/20 per carton 200L Drum	 30608692 30840522

TYPICAL PERFORMANCE DATA (approx.)

Shore "A" hardness	35-40
Tack Free Time	45min
Rate of Cure	2.5-3.0mm/day
Full Cure	7 days
Tensile	2.0N/mm^2
Elongation at break	>300%

* The maximum service temperature listed is for transient temperatures. The adhesive will deteriorate if subjected to high temperatures on a continuous basis.

DIRECTIONS FOR USE

Bostik Structural Adhesive does not need to be applied to both surfaces to be bonded, but both surfaces must be prepared in accordance with preparatory work. Apply in beads or daubs to the prepared substrate. Materials being adhered can be bonded immediately or left open for up to 15 minutes after application prior to bonding.

If no mechanical fixing is to be used in conjunction with adhesive, clamping is necessary until full cure is achieved. Use only enough sealant to achieve adequate bond (dependent on surface texture). Excess adhesive can be removed by dry cloth or Bostik Handi Wipe before curing. If adhesive is to be exposed, smooth off with spatula or putty knife to flush finish.

Always carry out compatibility tests where contact with potentially incompatible materials may occur.

SURFACE PREPARATION

Always ensure that the surfaces to be sealed are dry and free from oil, dirt, grease and frost.

Priming Porous Substrates
Absorbent or porous substrates will allow a bead of water to easily soak into and wet out the surface of the substrate. For maximum performance on porous surfaces use Bostik N49 Primer.

Porous substrates not subject to immersion or ponded water, e.g. vertical expansion joints in concrete or masonry structures, do not require priming if clean, dry and uncontaminated.

Priming Non Porous Substrates
Bostik N40 Primer is recommended for optimum adhesion to non-porous plastic and metal substrates. If priming plastics or metallic non-porous substrates with Bostik N40 Primer, use the two-cloth method described below.

Two Cloth Method – N40 Primer Application
Dampen a clean and dry cloth with Bostik N40 Primer and spread evenly over the non-porous substrate using a cleaning/rubbing action. With a second clean and dry cloth, immediately wipe all primer residues off with a

SURFACE PREPARATION (continued)

buffing action. Allow the substrate to dry for a minimum of 5 minutes before installing Bostik Structural Adhesive.
Do not leave the primer longer than 4 hours before applying sealant/adhesive. Re-prime if 4 hours has elapsed without applying sealant/adhesive. Clean and re-prime if the primed surface is contaminated before Bostik Structural Adhesive is applied.

LIMITATIONS

Bostik Structural Adhesive is NOT suitable for the following applications:

- Totally confined spaces, as the adhesive requires atmospheric humidity to cure. It will not cure where it does not have access to atmospheric humidity
- As a structural sealant undergoing continuous joint movement
- Adhering mirrors
- On or near bitumen products
- Near silicone or modified silane products whilst they are still curing

STORAGE AND SHELF LIFE

Store in a cool dry place between 5°C and 30°C, out of direct sunlight. The product is best used 12 months from the date of manufacture when stored as directed in original unopened sausage or drum.

DISPOSAL

Empty containers may be disposed via local landfill.
If spilt, absorb with clay, sand or earth. Collect and seal in properly labeled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

VOC INFORMATION

78g/L

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.com/au for copies.

Bostik Structural Adhesive is not classed as Dangerous Goods. The product however, should be used in accordance with good occupational, health and safety practices.

May cause irritation if swallowed, moderately irritating to eyes, vapour may cause irritation during the cure stage.

Use in a well-ventilated area. Do not swallow and avoid prolonged or repeated contact with the skin. If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

BOSTIK HOTLINE

Smart help 1800 267 845



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Australian Consumer Law (ACL). Sale of the product by Bostik is subject to the Bostik Australia Proprietary Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.com/australia