

## ALPHA GRIP

### DESCRIPTION

Bostik ALPHA GRIP is a single component, solvent-free, thixotropic, quick setting, moisture cured polyurethane adhesive. Fully cured, ALPHA GRIP has an extremely strong bond with excellent resistance to water, weathering, ageing and marine conditions. Certified to EN204 D4.

### RECOMMENDED USES

ALPHA GRIP is suitable for bonding porous to porous and porous to non porous substrates such as wood, plasterboard, fibrous cement, metal, EPS foam, concrete, brick, melamine, various plastics (testing in recommended) and many other common substrates providing one or both of the surfaces contain moisture.

### FEATURES AND BENEFITS

- Very high bond strength
- Single pack
- Non flammable
- Solvent free
- Fast set

### PROPERTIES

Typical properties after 7 days cure at 25°C and 50% RH. Curing may take longer at low temperatures and/or high humidity	
Appearance	Smooth soft paste
Chemical Type	Polyurethane
Colour	Uncured – translucent Cured – light cream to yellow
Viscosity	High
Tack Free Time	Approximately 10 minutes
Initial Set Time	Approximately 60 minutes
Clamp time	Approximately 60 minutes
Full strength	24 hours

**Wellington Site (Factory & Admin)**  
**Auckland Site**

**19 Eastern Hutt Road, Wingate, Lower Hutt**  
**148 Pavilion Drive, Airpark II, Auckland Airport**

Ph ++64 4 567 5119      Fax ++64 4 567 5412  
Ph ++64 9 257 5847      Fax ++64 9 257 3588

[www.bostik.co.nz](http://www.bostik.co.nz)

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for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product.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 Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit [www.bostik.co.nz](http://www.bostik.co.nz)

Application temperature	15 to 35°C
Application rate	120 – 250g/m <sup>2</sup> depending on porosity and profile of the substrate

---

## APPLICATION

- Always use in a well ventilated area.
- Surface must be clean, dry, free from oil, grease, laitance, loose particles or any other contamination. Metal surfaces should be solvent cleaned and lightly sanded.
- Apply a bead with a cartridge gun approximately 10mm in from the external edge to minimise “squeeze out”.
- Bring both surfaces together immediately and clamp for about 60 minutes.
- Allow the “squeeze out” to dry and then remove with a sharp blade. Do not try remove the “squeeze out” before it dries as this will spread the adhesive over the surface and make it very difficult to remove.

---

## NOTES

- Ensure adequate tests are conducted before using commercially.
- It is important that at least one of the surfaces contains moisture. The product will not cure if there is no moisture available from the substrate. E.g. Glass to glass or metal to metal.
- ALPHA GRIP expands slightly this filling any irregularities in the substrate.
- Once opened ALPHA GRIP will begin to cure. It is recommended that the tip of the cartridge be sealed to extend the life of the product in an opened cartridge.
- A mist spray of water over the surface will assist cure during dry, cool conditions.
- ALPHA GRIP is an adhesive, not a mastic and therefore should not be used as a gap filler. If used as a gap filler the strength of the bond will be reduced.

---

## STORAGE AND SHELF LIFE

Maximum 12 months from date of manufacture unopened, in sealed containers at temperatures between 15 and 25°C. Protect from frost.

The storage temperature should not exceed 25°C for extended periods of time. Once opened the storage life will be substantially reduced.

Storage areas are to be well ventilated and comply with local and state regulations

---

## CLEAN UP

Use Bostik No. 2 Solvent or Bostik No. 4 Solvent before the product dries. Do NOT use water, mineral turps or methylated spirits.

---

## HEALTH AND SAFETY

Full details are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that the appropriate Safety Data Sheets are read by all concerned. Visit [www.bostik.co.nz](http://www.bostik.co.nz) for copies.

Harmful by inhalation. Irritating to eye, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Contains diphenylmethane-4,4"-di-isocyanate

---

VERSION

V1	28 March 2012	New product
----	---------------	-------------