

# TECHNICAL DATASHEET

## Polyurethane 5 Minute 300ml

### Description & Uses

Alpha Chem, from Cromar, presents a high quality, solvent free, polyurethane wood bonding adhesive, suitable for a wide range of internal and external applications where a rapid cure rate is required.

Fully waterproof to EN 204 D4 with excellent weathering and aging properties, and is also resistant to chemicals and temperatures within the range of -30 to +100°C.

### For professional use only.

Ideal for

- Bonding wood to a wide range of substrates including all types of timber (even engineered timber, laminates & most metals).
- Wood jointing in construction and manufacturing.
- Gap filling on uneven or imperfect joints.

### Directions

- Ensure surfaces to be bonded are clean, sound, dry and free from dust, grease or other contaminants which could harm the bonding process. If the substrates need to be cleaned use methylethylketone (MEK) or acetone. Make sure to check their compatibility with the substrates first.
- Cut thread and then the nozzle to the required size and apply with a sealant gun, wearing gloves.
- Dampen substrates before application (take care not to over wet). Apply the adhesive to one surface only.
- Assemble the substrates and place even pressure within 5 minutes of adhesive application. Clamp until the adhesive is sufficiently cured to permit handling of the bonded item (approximately 5 minutes).
- Uncured material can be cleaned off with Alpha Chem Grafters All Trades Wipes. After curing has taken place carefully use a sharp knife to trim back excess material.

Please Note: Cure time can be affected by the moisture content in the substrates and the ambient temperature.

### Storage

The product should be stored unopened in a dry condition at a temperature of 5-25°C. In cold weather store the packaging at around 20°C before use. Keep out of the reach of children.



### Shelf Life

24 months when stored as directed.

### Limitations

- One of the substrates to be bonded must be porous/ permeable.
- It is the user's responsibility to ensure suitability for use.
- **Read the label prior to use as it contains essential health and safety information, further information can be found on the Safety Data Sheet** available on request.

### Technical Data

<b>Appearance</b>	Thixotropic Paste
<b>Colour</b>	Opaque
<b>Viscosity</b>	Brookfield RVT 7 / 5 rpm: 400,000 ± 100,000 mPa.s
<b>Density</b>	1.07 ± 0.02
<b>Pressing time at 20°C</b>	30 min (at 65% RH)
<b>Final setting time at 20°C</b>	24 hours
<b>Temperature Resistance</b>	-30 to +100°C
<b>Consumption</b>	150 to 250 g/m <sup>2</sup> dependent on application method and materials to be bonded.

### Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com).

*All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.*