

TECHNICAL DATASHEET

Polyurethane 30 Minute 1000g

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 slightly longer cure rate is required. This moisture curing product offers many benefits to the user especially when applying on large horizontal areas. The 1000g bottle makes application even quicker and easier.

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 +150°C. As a solvent free product it is more pleasant to use.

For professional use.

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. Gloves must be worn prior to opening any of the packaging and during application.
- Remove the cap off the bottle, cut the spout to the required size.
- Dampen substrates before application (take care not to over wet). Apply the adhesive to one surface only. The amount of adhesive required will vary according to the porosity/smoothness of both substrates. Recommended coat weight is 80-140g/m²
- Assemble the substrates and place even pressure within 10 minutes of adhesive application. Clamp until the adhesive is sufficiently cured to permit handling of the bonded item (approximately 30 minutes).
- Replace cap after use.
- It will take 24 hours for full cure to be achieved, handling during this time should be kept to a minimum.
- 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 this will ensure the stated shelf life. The adhesive will have a limited life once the bottle has been opened.

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 for essential health and safety information**, Safety Data Sheet available on request.

Technical Data

Temperature Resistance	-30 to +150°C
Coverage	Up to 12.5m ² per kg
Application Temperature	5 to 30°C
Viscosity	4000cps
Specific Gravity	1.1

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.

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