

High Strength Multi-Purpose Solvent Free Polyurethane Adhesive

ECT 5002 was specifically developed as a high strength multi-purpose, “VOC free” adhesive, suitable for bonding:

- metals,
- wood,
- brick and
- uPVC.

Applications include

- Laminating uPVC to plaster board or brickwork – Hygienic Cladding
- Bonding pedestals onto concrete floors
- Bonding Non-Porous Surfaces
- Bonding Structural Panels

It is a multi-purpose solvent-free polyurethane adhesive that offers the manufacturer or construction worker many benefits.

Benefits:

- **Reduces the need for multiple adhesives:** multi-purpose adhesive, suitable for gap-filling which makes it ideal for bonding uneven surfaces.
- **Peace of mind:** ensures a durable, high strength bond even in extreme conditions - it is resistant to water, chemicals and wide temperature ranges (-30-150°C) once fully cured
- **Ideal for external use:** excellent resistance to water, solvents and heat
- **Eliminates equipment investment:** quickly and easily applied with a notched trowel or scraper
- **Green Credentials:** It is water-based and solvent-free, which makes the product more pleasant to use and suitable for a wide range of projects, including those involving sensitive site locations such as schools and hospitals.
- It has been developed to withstand the extreme conditions that uPVC wall claddings systems endure in hygienic/wet areas. The adhesive is resistant to steam cleaning, water and extreme temperatures, once fully cured. It also has excellent aging properties. These properties ensure a strong resilient bond.

Tel: 01 – 885 00 00

www.ect.ie

info@ect.ie



Instructions for Use:

1. Ensure all surfaces to be bonded are clean and free from grease, dust and other contaminants.
2. Mix 11 parts of base (A) with 1 part of curing agent (B), by weight or alternatively as a complete kit. Once mixed the adhesive has a 75 minute pot-life.
3. Apply the mixed adhesive to the base substrate with a scraper or notched-trowel.
4. Bed the material to be bonded into the adhesive. Apply sufficient weight to ensure the two substrates are in contact. The adhesive will cure sufficiently to permit handling after 6 hours. However, full cure will not be achieved for 24 hours.

ECT 5002 comes supplied as a base (A) with a curing agent (B).

Packaging:

ECT 5002 (A/B) comes supplied in a 5.6 litre poly pail (lid, cuvette and foil bag) (sold as 6.5kg kit).



Technical Data

Base	Polyurethane	Cure-Time	6 hours @ 20°C for handling / 24 hours for full cure
Appearance	Part A: off-white Part B: brown	Pot-life	75 minutes @ 20°C
Temperature Resistance	-30°C – 150°C	Shelf Life	12 months
Coverage	See below**	Storage	5-25°C
Application Temperature	5 - 25°C	Health & Safety	See MSDS
Viscosity CPS	Part A: thick paste Part B: Liquid	Cleaner	Solvent 3

**Coverage: A standard 6.5kg tub of ECT 5002 A/B will cover a standard 2.5mx1.22m uPVC cladding sheet using a 5mmx5mm square notched trowel.

IMPORTANT NOTES

Storage and handling: 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 container is opened.

Temperature and timings: All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact ECT for advice if you wish to operate outside of these parameters.

Disclaimer: ECT has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact ECT to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.