

FIRE RETARDANT ADHESIVE - TA4230

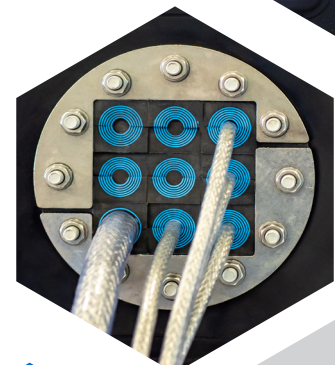


Permabond TA4230 is a two-part, 1:1 structural acrylic adhesive that has been third party tested to meet the requirements of UL94-V0 for fire retardancy.

TA4230 cures quickly and fully at room temperature and can bond to a wide variety of substrates including metals, plastics, composites and ceramics, among others. It provides excellent shear strength on many substrates, with very little surface preparation needed before bonding.

The adhesive also offers fast, high structural strength development and has high impact resistance. Its special surface adhesion technology means that it can bond through oily, unprepared surfaces, saving considerable time on surface preparation while enhancing performance. It also enables bonding through oxide layers, leading to a better adhesion to aluminium.

TA4230 is both tougher and faster-curing than most other fire-retardant adhesives on the market, and makes a great addition to any toolbox.



KEY FEATURES:

- ▶ Fast curing
- ▶ Fire-retardant to UL94 V-0 standard
- ▶ Easy to use
- ▶ High strength
- ▶ Bonds many substrates
- ▶ Minimal surface prep required
- ▶ Available in convenient to use cartridges

IDEAL FOR BONDING:

- ABS
- Carbon fibre
- PVC
- Acrylic/ PMMA
- Ceramics
- Stainless Steel
- Alucobond
- Mild Steel
- Zinc
- Aluminum
- Polycarbonate
- And many more



DESCRIPTION

The following technical data for Permabond TA4230 is a guideline and does not constitute a specification. For full technical information, please refer to the technical data sheet, available at www.permabond.com. Please contact Permabond to discuss your nylon bonding project.

	TA4230
Description	2-part, 1:1 fire retardant structural acrylic adhesive
Appearance	Straw
Features	Fire retardant to UL94-V0 standards, very good shear strength
Viscosity @25°C	8000 mPa.s (A side) / 700 mPa.s (B side) / 3000 mPa.s (Mixed)
Shear Strength	Aluminium: 25-30 N/mm Mild steel: 23-28 N/mm Stainless steel: 27-32 N/mm
Full Strength	24 hours
Gap fill	0.5mm
Storage	Temperatures between 2 and 25°C
Packaging	50ml & 400ml

What is UL94 V-0?

This is a universally recognised certification which assesses the Vertical Burning capabilities for classifying the flammability of plastics. The test determines the material's tendency to either extinguish or spread a flame once the specimen has been ignited.

UL = Underwriters Laboratory **94** = type of test **V-0** = additional vertical burning test.

**Watch TA4230 in action
by scanning the QR code:**



TYPICAL APPLICATIONS:

- ▶ Bonding aluminium stiffeners to sheet metals and composites in cladding
- ▶ Bus, coach and train interiors
- ▶ Potting and sealing EV battery cables
- ▶ Shopfitting applications
- ▶ Architecture
- ▶ Tanks & vats

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