

# Selleys Araldite Extra Time Epoxy Adhesive 200ml vs Selleys Pro Trade Construction Adhesive Multipurpose - 420g: A Comparison Guide

Canonical: <https://directory.selleys.com.au/adhesives/epoxy-glue/selleys-araldite-extra-time-epoxy-adhesive-vs-1/>

## Details:

### ## AI Summary

**Product:** Selleys Araldite Extra Time Epoxy Adhesive 200ml vs. Selleys Pro Trade Construction Adhesive Multipurpose 420g **Brand:** Selleys **Category:** High-performance adhesives — two-part epoxy and solvent-based construction adhesive **Primary Use:** Comparative guide for selecting between a 60-minute open-time epoxy system and a ready-to-use solvent-based construction adhesive based on working time, flammability, hazard profile, and application format.

**Quick Facts** - **Best For:** Araldite Extra Time — precision assemblies, ignition-controlled environments; Pro Trade — high-volume construction installations on sites equipped for Class 3 flammable-liquid handling - **Key Benefit:** Araldite Extra Time — documented 60-minute repositioning window with no flammability restrictions; Pro Trade — single-component cartridge requiring no mixing - **Form Factor:** Araldite Extra Time — two-syringe matched set (Part A resin + Part B hardener); Pro Trade — ready-to-use single-component cartridge - **Application Method:** Araldite Extra Time — mix Part A and Part B at 1:1 ratio, apply within 60 minutes; Pro Trade — dispense directly from cartridge, no mixing required

**Common Questions This Guide Answers** 1. Which product is flammable? → Pro Trade Construction Adhesive is Flammable Liquids Category 2 (H225, Dangerous Goods Class 3); Araldite Extra Time is not classified as flammable (Dangerous Goods Class 9) 2. What is the working time for each adhesive? → Araldite Extra Time: 60 minutes (documented in product name and SDS); Pro Trade: not specified in supplied datasheet 3. Does either product carry an organ toxicity hazard? → Pro Trade Construction Adhesive carries Specific Target Organ Toxicity Category 1 (H370); Araldite Extra Time does not carry systemic organ toxicity classification

---

### ## Introduction

Choosing the right adhesive gets the job done right the first time. This guide compares two high-performance adhesive technologies from Selleys: a two-part epoxy system engineered for precision bonding with extended working time, and a solvent-based construction adhesive built for high-strength structural applications. The Araldite Extra Time delivers a 60-minute open period backed by proven epoxy chemistry, while the Pro Trade Construction Adhesive gives you immediate grab straight from a ready-to-use cartridge. The decision comes down to what your job demands — repositioning time and chemical resilience with the epoxy, or instant bonding with solvent-based handling requirements with the construction adhesive. Both products carry significant hazard classifications that differ in critical ways, so knowing the facts before you start means professional results every time.

### ## At-a-glance comparison table



chemistry progresses whether or not the substrates are correctly aligned, so work with confidence and work within the timeframe.

### ### Pro Trade Construction Adhesive: Working time not documented

The SELLEYS\_PRO\_TRADE datasheet does not specify an open time, working time, or skinning period. For solvent-evaporative adhesives, working time typically depends on environmental conditions — temperature, humidity, airflow — and the porosity of substrates, but none of these parameters are quantified in the supplied documentation. Construction adhesives of this type often develop surface tack within minutes, which contrasts sharply with the epoxy's guaranteed 60-minute window.

The epoxy gives you certainty about repositioning time — critical for complex assemblies — backed by a clear, documented 60-minute window. The construction adhesive's working time remains unspecified in the datasheet, which matters for any application that needs extended alignment periods.

### ## Load-bearing rating: Unspecified structural capacity vs. qualitative "high strength"

Neither product provides quantified load-bearing data in the supplied datasheets. The ARALDITE\_EXTRA\_TIME documents do not include tensile strength, shear strength, or peel resistance values. The SELLEYS\_PRO\_TRADE datasheet describes the product as a "high strength construction adhesive" (Section 1, Recommended Use) but does not translate that into measurable performance metrics such as MPa in shear or pull-off force per unit area.

Without manufacturer-supplied structural ratings, specifiers cannot make load-bearing comparisons between these products based solely on the provided datasheets. Both products require independent testing or consultation of separate technical data sheets — not included in this knowledge base — to confirm suitability for structural applications with defined load requirements. Getting this step right before you start is what separates a good job from a great one.

### ## Substrate compatibility: Documentation gap in both products

The supplied SDS excerpts for both the Araldite epoxy and the Pro Trade construction adhesive do not enumerate compatible substrate types. Standard epoxy adhesive technical literature typically lists metals, ceramics, glass, rigid plastics, and composites, while construction adhesives often specify wood, concrete, masonry, and building panels — but these material lists do not appear in Sections 1-4 of the datasheets provided for comparison.

Substrate compatibility cannot be compared from the supplied documentation. Consult product technical data sheets (TDS) or application guides beyond the SDS documents to confirm that either adhesive suits your specific material pairings. Knowing your substrates before you commit means success the first time.

### ## Application format: Mix-required precision vs. cartridge convenience

#### ### Araldite Extra Time: Two-syringe mixing procedure

The ARALDITE\_EXTRA\_TIME datasheets identify Part A and Part B as separate components — each with its own SDS — and both reference the same Bar Code (9300697133472) and Product Code (103792), confirming they are sold as a matched set in the 200mL package. Standard two-part epoxy practice requires dispensing equal volumes of resin and hardener, mixing thoroughly until a uniform colour is achieved, then applying the mixture before the working time expires. Incomplete mixing or incorrect ratios compromise cure and bond strength, so precision in this step is what the product is built for.

#### ### Pro Trade Construction Adhesive: Single-component cartridge

The SELLEYS\_PRO\_TRADE datasheet describes a ready-to-use formulation that requires no mixing. The Section 1 table lists a 320g cartridge variant (Product Code 102108, Bar Code 9300697129932),

though the comparison title references a 420g size not documented in the supplied SDS. The single-component format eliminates ratio errors and reduces application steps, which supports high-volume productivity. The datasheet does emphasise important precautionary measures: "Keep container tightly closed" (P233), "Ground and bond container and receiving equipment" (P240), and "Use explosion-proof electrical, ventilating, lighting" equipment (P241) — requirements driven by the 10-30% naphtha content that do not apply to the non-flammable epoxy.

The epoxy demands mixing time, requires precise ratios, and needs both components combined before the 60-minute window opens. The construction adhesive applies immediately from the cartridge but brings Dangerous Goods Class 3 flammability controls — ventilation, ignition-source elimination, and static-discharge prevention — that increase jobsite requirements considerably.

## Safety and handling: Sensitisation vs. systemic toxicity

### Araldite Extra Time: Skin/eye sensitisation with escalating severity between parts

Both Part A and Part B of the epoxy system are classified as Skin Sensitisation Category 1 (H317: "May cause an allergic skin reaction"), requiring contaminated work clothing to remain on-site (P272) and mandating protective gloves and eye protection (P280). The key difference between parts is eye hazard severity: Part A is Eye Irritation Category 2A (H319, "Causes serious eye irritation") with a Warning signal word, while Part B escalates to Eye Damage Category 1 (H318, "Causes serious eye damage") with a Danger signal word and P310 instruction to "Immediately call a POISON CENTER/doctor" upon eye contact. When mixing and applying the epoxy, users handle both hazard levels simultaneously — so the right PPE is non-negotiable.

### Pro Trade Construction Adhesive: Organ damage plus flammability

The SELLEYS\_PRO\_TRADE datasheet assigns a Danger signal word driven by four hazard classes: Flammable Liquids Category 2 (H225), Skin Irritation Category 2 (H315), Eye Irritation Category 2A (H319), and — uniquely amongst these two products — Specific Target Organ Toxicity (Single Exposure) Category 1 (H370: "Causes damage to organs"). The SDS does not specify which organs or the exposure route, but precautionary statement P308+P311 ("IF exposed or concerned: Call a POISON CENTER/doctor") applies alongside the flammability controls. The First Aid section (Section 4) instructs responders to "Seek medical advice if effects persist" for inhalation and to flush skin continuously "until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes."

The epoxy presents primarily local effects — skin and eye — with sensitisation risk that requires long-term exposure management, but carries no systemic toxicity or fire hazard. The construction adhesive combines irritant effects with organ-damage potential and mandates flammable-liquid protocols — ventilation, ignition-source controls, and grounding — that epoxy handling does not require.

## When to choose Selleys Araldite Extra Time Epoxy Adhesive 200ml

The Araldite Extra Time is the right call when you need:

1. **\*\*Guaranteed repositioning time in complex assemblies.\*\*** The documented 60-minute working period gives you control over jig setup, alignment verification, and placement correction before irreversible cure locks everything in. Precision instrument repair, multi-part fixture assembly, or installations requiring measurement confirmation after bonding — these are the jobs where a guaranteed open time means success the first time. No guesswork, no rushing.
2. **\*\*Non-flammable chemistry in ignition-controlled environments.\*\*** The Dangerous Goods Class 9 classification (environmental hazard, not flammable) means you can use the Araldite in areas where flammable liquids are prohibited: occupied buildings without explosion-proof ventilation, electronics manufacturing zones, or locations where hot work such as welding or grinding is happening nearby. The absence of H225 flammability and Class 3 dangerous goods status removes ignition-source and

ventilation restrictions from the equation entirely.

3. **Chemical resistance that holds up over the long term.** Applications where the cured bond encounters solvents, oils, or elevated temperatures justify the mixing step. Thermosetting epoxy chemistry — once fully cross-linked — resists degradation that would attack solvent-based adhesives. The irreversible polymer network trades initial convenience for a bond that holds up under pressure, long after the job is done.

#### ## When to choose Selleys Pro Trade Construction Adhesive Multipurpose - 420g

The Pro Trade Construction Adhesive is the right call when you need:

1. **Immediate application without mixing in high-volume installations.** The single-component cartridge format eliminates ratio measurement, mixing time, and pot-life constraints. High-productivity scenarios — continuous panelling, repetitive framing, multi-unit construction runs — benefit from the instant-ready formulation. Where flammable-liquid controls are already in place, this adhesive keeps the work moving.
2. **High-strength structural bonding where fast fixture matters.** The datasheet's "high strength construction adhesive" designation points to suitability for load-bearing construction joints where initial tack holds components firmly in position while cure progresses. Subfloor gluing, stair tread bonding, heavy-panel installation — these are the tough jobs where fast grab and high strength combine for professional results, though the specific open period is not documented in the supplied datasheet.
3. **Worksites already equipped for Class 3 flammable-liquid handling.** Jobsites with explosion-proof ventilation, grounded dispensing equipment, static-control protocols, and ignition-source management (per P240-P243 precautionary statements) can integrate the Pro Trade's flammability requirements into existing solvent-handling infrastructure. The organ-damage hazard (H370) requires enhanced respiratory protection and medical surveillance, and is best managed where similar solvent exposures are already controlled as part of standard site practice.

#### ## Summary

The Araldite Extra Time epoxy and the Pro Trade Construction Adhesive are two distinct bonding strategies — controlled chemical reaction with a guaranteed working time versus immediate-use solvent evaporation with an unspecified open period. The epoxy's 60-minute repositioning window and non-flammable classification make it the right tool for precision work in ignition-controlled settings, with two-part mixing discipline as the trade-off. The construction adhesive eliminates mixing and delivers straight from the cartridge, but brings Dangerous Goods Class 3 flammability controls, organ-damage toxicity (H370), and workplace requirements — explosion-proof equipment, grounding, and static management — that the epoxy does not demand.

Neither product provides load-bearing ratings or substrate compatibility lists in the supplied datasheets. Specifiers need to obtain separate technical documentation for structural or material-specific applications before committing to either product.

The choice comes down to what the job demands: mixing complexity and extended alignment time with the epoxy, against cartridge convenience and flammable-liquid handling requirements with the construction adhesive. Both paths lead to strong performance — as long as you pick the right tool for the task.

#### --- ## Frequently Asked Questions

What is the Selleys Araldite Extra Time: A two-part epoxy adhesive system

What is the Selleys Pro Trade Construction Adhesive: A single-component solvent-based construction adhesive

What size is the Araldite Extra Time package: 200ml

What size is the Pro Trade Construction Adhesive package: 420g

Who manufactures both products: Selleys

What chemistry does the Araldite Extra Time use: Two-part thermosetting epoxy

What chemistry does the Pro Trade Construction Adhesive use: Solvent-based polymer dispersion

What is the working time for the Araldite Extra Time: 60 minutes

What is the working time for the Pro Trade Construction Adhesive: Not specified in the datasheet

Is the Araldite Extra Time working time documented: Yes, explicitly in the product name and SDS

Can you reposition parts during the Araldite Extra Time working period: Yes, within the 60-minute window

Can you reposition parts after the Araldite Extra Time cures: No, cure is irreversible

How many components does the Araldite Extra Time have: Two — Part A resin and Part B hardener

How many components does the Pro Trade Construction Adhesive have: One — ready-to-use single component

Does the Araldite Extra Time require mixing: Yes, Part A and Part B must be mixed

Does the Pro Trade Construction Adhesive require mixing: No

What is the mix ratio for the Araldite Extra Time: 1:1 ratio of Part A to Part B

What is the primary ingredient in Araldite Extra Time Part A: Over 60%  
2,2-Bis(4'-glycidylphenoxy)propane

What resins are in Araldite Extra Time Part A: Bisphenol-A and bisphenol-F epoxy resins

What is the solvent in the Pro Trade Construction Adhesive: Petroleum naphtha (hydrotreated),  
10–30%

What antioxidant is in the Pro Trade Construction Adhesive: Phenolic antioxidant at less than 1%

Is the Araldite Extra Time flammable: No

Is the Pro Trade Construction Adhesive flammable: Yes, Flammable Liquids Category 2

What is the Araldite Extra Time Dangerous Goods classification: Class 9 (environmental hazard)

What is the Pro Trade Construction Adhesive Dangerous Goods classification: Class 3 (flammable liquid)

What flammability hazard code applies to the Pro Trade Construction Adhesive: H225 — Highly flammable liquid and vapour

Does the Araldite Extra Time carry an H225 flammability classification: No

What signal word applies to Araldite Extra Time Part A: Warning

What signal word applies to Araldite Extra Time Part B: Danger

What signal word applies to the Pro Trade Construction Adhesive: Danger

What eye hazard does Araldite Extra Time Part A present: Eye Irritation Category 2A (H319)

What eye hazard does Araldite Extra Time Part B present: Eye Damage Category 1 (H318)

Is eye damage from Part B serious: Yes, causes serious eye damage

What action is required if Part B contacts eyes: Immediately call a POISON CENTER or doctor (P310)

Does the Pro Trade Construction Adhesive cause organ damage: Yes, Specific Target Organ Toxicity Category 1 (H370)

What hazard code covers organ damage in the Pro Trade Construction Adhesive: H370 — Causes damage to organs

Are the affected organs specified in the Pro Trade datasheet: No, not disclosed in the SDS

Does the Araldite Extra Time cause systemic organ toxicity: No

Is skin sensitisation a hazard for the Araldite Extra Time: Yes, Category 1 (H317) for both parts

Is skin sensitisation a hazard for the Pro Trade Construction Adhesive: No

Does the Pro Trade Construction Adhesive cause skin irritation: Yes, Skin Irritation Category 2 (H315)

Is PPE required when using the Araldite Extra Time: Yes, protective gloves and eye protection (P280)

Is explosion-proof equipment required for the Pro Trade Construction Adhesive: Yes, per precautionary statement P241

Is grounding required when using the Pro Trade Construction Adhesive: Yes, per precautionary statement P240

Is grounding required when using the Araldite Extra Time: No

Does the Araldite Extra Time require ignition-source controls: No

Does the Pro Trade Construction Adhesive require ignition-source controls: Yes

Can the Araldite Extra Time be used near welding or hot work: Yes, no flammability restrictions apply

Can the Pro Trade Construction Adhesive be used near welding or hot work: No, flammable liquid controls required

What application format does the Pro Trade Construction Adhesive use: Ready-to-use cartridge

What product code is the Pro Trade Construction Adhesive cartridge: 102108 (320g variant per SDS)

Is there a size discrepancy in the Pro Trade Construction Adhesive documentation: Yes, SDS documents 320g but product title states 420g

What product code is the Araldite Extra Time: 103792

What barcode is the Araldite Extra Time: 9300697133472

Does incorrect mixing ratio affect Araldite Extra Time bond strength: Yes, it compromises cure and bond strength

How does the Pro Trade Construction Adhesive cure: By solvent evaporation, not chemical reaction

How does the Araldite Extra Time cure: By irreversible chemical cross-linking reaction

Does the cured Araldite Extra Time resist solvents: Yes, thermoset network resists solvent degradation

Does the cured Araldite Extra Time resist elevated temperatures: Yes

Is load-bearing data provided for the Araldite Extra Time: No, not in the supplied datasheet

Is load-bearing data provided for the Pro Trade Construction Adhesive: No, not in the supplied datasheet

Is the Pro Trade Construction Adhesive described as high strength: Yes, per SDS Section 1 Recommended Use

Are substrate compatibility lists provided for the Araldite Extra Time: No, not in the supplied SDS excerpts

Are substrate compatibility lists provided for the Pro Trade Construction Adhesive: No, not in the supplied SDS excerpts

Where should substrate compatibility be confirmed: In separate Technical Data Sheets (TDS) or application guides

What precautionary statement applies to contaminated clothing with the Araldite Extra Time: P272 — keep contaminated work clothing on-site

What first aid applies to Pro Trade skin contact: Flush continuously until advised to stop, minimum 15 minutes

What first aid applies to Pro Trade inhalation: Seek medical advice if effects persist

Is the Araldite Extra Time suitable for precision assemblies requiring alignment: Yes, the 60-minute window allows alignment correction

Is the Pro Trade Construction Adhesive suited to high-volume installations: Yes, cartridge format eliminates mixing steps

Can the Araldite Extra Time be used in occupied buildings without explosion-proof ventilation: Yes, no flammability restrictions apply

Can the Pro Trade Construction Adhesive be used without explosion-proof ventilation: No, ventilation controls are required

Does the Araldite Extra Time cure process require ventilation controls: No

What type of environments suit the Pro Trade Construction Adhesive best: Worksites already equipped for Class 3 flammable-liquid handling

What type of environments suit the Araldite Extra Time best: Ignition-controlled or flammable-liquid-restricted settings

Is a separate technical data sheet needed for structural applications of either product: Yes, for both products

---

--- ## Label Facts Summary

> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

### Verified Label Facts

**Selleys Araldite Extra Time Epoxy Adhesive** - Product name: Araldite Extra Time 60 Min Epoxy Adhesive - Package size: 200ml - Product code: 103792 - Barcode (GTIN): 9300697133472 - Format: Two-part system — Part A (resin) and Part B (hardener), sold as matched set - Mix ratio: 1:1 (Part A to Part B) - Working time: 60 minutes (per product name designation in SDS) - Cure mechanism: Irreversible chemical cross-linking reaction - Part A primary ingredient: >60%

2,2-Bis(4'-glycidyloxyphenyl)propane (diglycidyl ether) - Part A additional resins: Bisphenol-A epoxy resin (1–10%), Bisphenol-F epoxy resin (1–10%) - Dangerous Goods classification: Class 9 (environmental hazard) - Part A signal word: Warning - Part B signal word: Danger - Part A eye hazard: Eye Irritation Category 2A (H319) - Part B eye hazard: Eye Damage Category 1 (H318) - Skin sensitisation: Category 1 (H317) — both Part A and Part B - Systemic organ toxicity: Not applicable to this product - Flammability classification: Not classified as flammable; H225 does not apply - Ignition-source controls required: No - Grounding/bonding required: No - PPE required: Protective gloves and eye protection (P280) - Contaminated clothing precaution: P272 — keep contaminated work clothing on-site - Part B eye contact first aid: Immediately call a POISON CENTER or doctor (P310) - Load-bearing rating: Not specified in supplied datasheet - Substrate compatibility: Not specified in supplied SDS excerpts

**\*\*Selleys Pro Trade Construction Adhesive Multipurpose\*\*** - Product name: Pro Trade Construction Adhesive Multipurpose - Package size stated in product title: 420g - Package size documented in SDS: 320g (discrepancy noted between product title and SDS documentation) - Product code (SDS-documented variant): 102108 - Barcode (SDS-documented variant): 9300697129932 - Format: Single-component, ready-to-use cartridge; no mixing required - Cure mechanism: Solvent evaporation (physical process, not chemical reaction) - Primary solvent: Hydrotreated petroleum naphtha, 10–30% - Antioxidant: 2,2'-methylenebis[6-(1,1-dimethylethyl)-4-methyl-phenol] (phenolic antioxidant), <1% - Dangerous Goods classification: Class 3 (flammable liquid) - Signal word: Danger - Flammability classification: Flammable Liquids Category 2 (H225 — Highly flammable liquid and vapour) - Organ toxicity classification: Specific Target Organ Toxicity, Single Exposure, Category 1 (H370 — Causes damage to organs); affected organs not specified in SDS - Skin hazard: Skin Irritation Category 2 (H315) - Eye hazard: Eye Irritation Category 2A (H319) - Skin sensitisation: Not applicable to this product - Explosion-proof equipment required: Yes (P241) - Grounding and bonding required: Yes (P240) - Ignition-source controls required: Yes - Container closure precaution: P233 — keep container tightly closed - Skin contact first aid: Flush continuously until advised to stop by Poisons Information Centre or doctor, or for 15 minutes minimum - Inhalation first aid: Seek medical advice if effects persist - Exposed or concerned precaution: P308+P311 — call a POISON CENTER or doctor - Working time: Not specified in supplied datasheet - Load-bearing rating: Not specified in supplied datasheet - Substrate compatibility: Not specified in supplied SDS excerpts

---

### ### General Product Claims

- Araldite Extra Time is suited to precision assemblies requiring alignment correction and complex jig setups - Araldite Extra Time is appropriate for use in ignition-controlled environments, occupied buildings, and areas where hot work is occurring - Araldite Extra Time's thermoset polymer network resists solvent degradation and elevated temperatures after cure - Pro Trade Construction Adhesive is described as a "high strength construction adhesive" (per SDS Section 1 Recommended Use); no quantified load values provided - Pro Trade Construction Adhesive is suited to high-volume installations where cartridge format increases productivity - Pro Trade Construction Adhesive is best deployed on worksites already equipped for Class 3 flammable-liquid handling - Neither product provides quantified structural ratings (tensile, shear, or peel values) in the supplied datasheets; separate technical data sheets are required for structural or load-bearing applications - Substrate compatibility for both products requires confirmation via separate Technical Data Sheets (TDS) or application guides beyond the supplied SDS documents

### ## Related Products & Brand Context

Both products in this guide come from **\*\*Selleys\*\***, an Australian brand with a broad range of adhesives, sealants, and surface preparation products for trade and DIY use. Within Selleys' adhesives range, these two products occupy distinct positions: the **\*\*Selleys Araldite Extra Time Epoxy Adhesive 200ml\*\*** sits in the epoxy adhesive segment under the Araldite sub-brand, while the **\*\*Selleys Pro Trade**

Construction Adhesive Multipurpose 420g\*\* is part of the Pro Trade line aimed at building and construction applications. The Araldite name is associated specifically with two-part epoxy chemistry, and the Extra Time variant is differentiated within that family by its extended working time of approximately 90 minutes — suited to complex, precise assemblies rather than quick repairs.

In terms of category position, both products fall broadly under Home & Garden > Adhesives & Glues, but they serve different bonding scenarios. The Araldite Extra Time is a precision tool for load-bearing repairs, benchtops, flooring, and structural assemblies where alignment time matters and a clear finish is desirable. The Pro Trade Construction Adhesive Multipurpose addresses rougher, faster-paced construction environments, with a gap-bridging capability of up to 9mm making it practical for ill-fitting or uneven building substrates — something the epoxy is not designed for.

Someone choosing the \*\*Araldite Extra Time\*\* for a structural or benchtop repair would likely also need surface preparation products (such as a cleaner or degreaser) to ensure a clean bond, as well as mixing tools or applicator nozzles suited to two-part epoxy cartridges. For the \*\*Pro Trade Construction Adhesive\*\*, users working on interior or exterior building substrates may want to consider compatible sealants or primers from the Selleys range to complete the job, though the graph context does not name specific companion products for either adhesive.

The key practical takeaway is that these two products are siblings within the Selleys adhesives family but are not direct alternatives — their working times, substrate compatibility, and gap-handling characteristics point them at genuinely different jobs, and choosing between them depends on whether precision and bond clarity or speed and gap-bridging capability is the priority.