

# Pro Trade Construction Adhesive Multipurpose

## Description

Pro-Trade Construction Adhesive Multipurpose is a solvent based synthetic rubber adhesive that forms a strong and lasting bond on most building substrates.

## Product Information

Packaging	Size
Cartridge	320g

## Uses

Pro-Trade Construction Adhesive Multipurpose is a high strength multi-purpose construction adhesive suitable for bonding timber, plasterboard, MDF, particleboard, masonry, concrete, tiles & ceramics, metals, plastics\*, rubber and glass.

It can be used as the sole means of bonding (as a contact adhesive) or as a component in a dual bonding situation, i.e. in conjunction with mechanical fasteners, or where nails or screws are used to support the weight until full cure is completed.

Pro-Trade Construction Adhesive Multipurpose would typically be used for the following applications:

- Sheet flooring to joists
- Metal or aluminium door strips to floors or walls
- Timber or fibre cement sheeting to cement block or brick walls
- Masonite / hardboard to timber or floor boards
- Wallboard or panelling to wood or metal frames
- Cork tiles to timber, fibre cement or plaster
- Timber flooring to yellow tongue in conjunction with mechanical fixings to avoid later squeaking.

## Features

- Meets or exceeds requirements specified by Australian Standard AS 2329 (1999) "MASTIC ADHESIVE FOR FIXING WALLBOARDS". (Including wet and poorly seasoned timber)
- Pro-Trade Construction Adhesive Multipurpose is flexible enough to respond to normal shrinkage and thermal movement between building components without losing bond strength
- Excellent resistance to water and weather makes it suitable for interior and exterior applications.
- Easy to extrude from the cartridge at low winter temperatures.
- Fast cure, but does not skin too quickly, thus ensuring good wetting out on to surfaces to be bonded.
- Does not roll off when applied onto wet timber, even in cold weather.
- Does not drip, sag or string between panels.
- Bridges gap up to 9mm hence can be used on rough and ill-fitting construction materials.
- Dried adhesive is paintable.
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## Surface Preparation

Surfaces to be bonded should be free of oil, grease and dust. On wet timber pooled water should be wiped off.

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## Technical Details

Property	Typical Result
<b>Technology</b>	Solvent based synthetic rubber
<b>Colour</b>	Beige
<b>Density</b>	1.15
<b>Open Time</b>	20-30 min. (depending upon prevailing conditions)
<b>Initial Cure</b>	Strong bond after 24 hours
<b>Full Cure</b>	7 days
<b>Sag Resistance</b> AS 2329 (1999) Appendix A	Approx. 2mm
<b>Flow and Transfer</b> AS 2329 (1999) Appendix B	> 75% transfer after 15 minutes drying
<b>Initial Bond Strength</b> AS 2329 (1999) Appendix D	> 500 kPa after 24 hours
<b>Bond Strength in Tensile Shear</b> AS 2329 (1999) Appendix E	>1 MPa
<b>Bond Strength in Peel</b> AS 2329 (1999) Appendix F	Approx. 40 N/25mm
<b>Static Load in Shear</b> AS 2329 (1999) Appendix G	> 10 days sustaining a 40N load @ 40°C
Indicative data only, not intended for preparation of specifications	

## Directions for Use

Cut cartridge tip, fit nozzle and cut end to desired opening (approx 5 mm diameter)

Direct a bead along the length of the joist, stud or batten. On broad flat surfaces apply beads every 40 cm. ('zig-zag' beads are more appropriate on surfaces of moderate width; eg shiplap panels.)

Fix with sufficient nails, screws or clamping to hold load and achieve contact over the total bond area. Wet bonds are repositionable for up to 20 mins after fitting.

Allow adhesives to set (at least 24 hours) before removing any temporary fasteners or clamping. (refer to Bond Strength Time)

CONTACT BOND METHOD may be used for faster grab. Apply to one surface only, press together and pull apart. Allow surfaces to dry 2-5 minutes before firmly joining. Surfaces should not be kept apart for longer than 20 minutes as to do so will impair bond strength

## How to Use - Flooring

When fixing sheet flooring (eg particleboard), use in conjunction with flooring manufacturer's installation specifications for minimum nailing requirements.

Note: To eliminate squeaks in tongue and groove flooring, apply a bead of Pro-Trade Construction Adhesive into groove of each board in conjunction with mechanical fixings.

## Tips

Time for strong bond depends on nature and condition of application. In most situations\*\* a strong bond can be achieved after 24 hours and will continue to strengthen Over 2-3 day period. Full cure can take up to 7 days.

\*\* Curing is achieved by evaporation of solvent. Time to achieve full strength is increased: at constant low temperatures; when thick applications (joints) are used; wide areas are bonded; when bonded surfaces are impervious (eg metals and dense timbers).

## Coverage

Approximately 6 square meters (2 standard sheets) of wall panelling or up to 15 metres of 5 mm bead.

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### Clean Up

Clean off wet adhesive with mineral turps.

Dry adhesive can be removed by scraping or sanding.

### Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from oxidising agents. Store away from sources of heat and/or ignition.

Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

This material is classified as a Class 3 Flammable Liquid as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

### Standards

Meets or exceeds requirements specified by Australian Standard AS 2329 (1999) "MASTIC ADHESIVE FOR FIXING WALLBOARDS". (Including wet and poorly seasoned timber)

### Limitations

- Should not be applied at temperatures below 5°C.
- Not recommended for tightly clamped joints; e.g. cabinet making or joinery.
- Do not use as sole bonding agent for structural bonding
- Not suitable polystyrene foam.  
PRO-TRADE Construction Adhesive Fast Grip is recommended for polystyrene foam and Copper naphthenate (CuN) treated timber.

- Not suitable for use on mirrors
- Bonds weaken at higher temperatures (e.g. above 50°C). Avoid bonding metals or heavy materials which will be heated by direct sun, e.g. to metal roofing and siding. (Consult Selleys about particular applications subject to heating.)
- Not suitable for bonding materials in areas which will be constantly damp or wet. Not suitable for permanent water immersion
- \*Pre-test plastics to determine compatibility

### Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – [www.selleys.com](http://www.selleys.com)