

Fortis AD512 is a single component, moisture curing polyurethane construction adhesive. It is recommended for bonding recycled rubber based traffic controls, safety matting to trafficable substrates. It is also suitable for bonding timber, concrete blocks, pavers, timber, and metal substrates.

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| Features and Benefits | <ul style="list-style-type: none"> • Excellent bond strength • Rapid cure • Good wet grab and initial hold • Suitable for intermittent immersion service in water once cured • Low odour • Designed to expand (high density foam) to maximise bond footprint |
| Typical Applications | <ul style="list-style-type: none"> • Heavy duty tactile adhesive • Metal / Timber bonding • Some plastics |
| Properties | <ul style="list-style-type: none"> • Color: Grey • Coverage: 1½ - 2m²/L • Working time: 30 minutes* • Cure time: initial set in 4 hours, trafficable in 12 hours, full cure in 7 days |
| Pack Size | 700g foil sausage |
| Shelf Life | 6 months @ 25°C unopened |
| Safety | <ul style="list-style-type: none"> • Contains isocyanates • Refer to Safety Data Sheet prior to use • Good industrial hygiene practices should be observed at all times • Appropriate PPE should be worn including impervious gloves & eye wear |
| Storage | Store in cool, dry conditions, out of direct sunlight and in a well-ventilated area. Do not store below 5°C or over 40°C |
| Surface Preparation | Concrete surfaces should be clean and sound. Test lay a typical sample and perform a destructive pull test to confirm adequate adhesion to a given substrate. |
| Application | Puncture end of foil sausage with a nail and squeeze out material as required. A 6mm diameter bead is recommended at spacing that allows for 80% coverage once the overlay is bedded in. Alternatively, material may be trowel onto substrate with a suitable notched trowel. A 5mm wide by 6mm high V notched trowel with 25mm centres or similar is recommended. For thinner sections that may float with foaming, a 3mm wide by 3mm high V notched trowel with 10mm centres is recommended. Lay directly onto prepared glue minimizing sideways movement. Remove excess (or squeeze out). Fasten or weigh to secure during cure |
| Clean-Up | Clean tools with acetone or xylene immediately after use (before adhesive dried). Cured material must be removed mechanically. |

For further information, including Safety Data Sheets and Technical Bulletins on adhesive applications and surface preparation, refer to the Fortis website www.fortisadhesives.com.au.

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