

Technical Data Sheet

FORTIS AD512

FEATURES

- 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 APPLICATION

- Heavy duty tactile adhesive

TECHNICAL DATA

Color: Grey

Coverage: 1 ½ - 2m²/L

Working time: 30 minutes*

Cure time: initial set in 4 hours,
trafficable in 12 hours, full cure in 7
days

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

SURFACE PREPARATION

Concrete surfaces should be clean and sound. Contractors should 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.

SAFETY

- Contains isocyanates. Please refer to Material Safety Data Sheet prior to use.
- Store in cool, dry conditions, out of direct sunlight and in a well ventilated area. DO NOT store below 5°C or over 50°C.
- Good industrial hygiene should be observed at all times – Appropriate PPE should be worn including impervious gloves & eye wear.

PACK SIZE

700g foil sausages

SHELF LIFE

6 months @ 25°C unopened

For further information, refer to the Fortis website www.fortisadhesives.com.au. It contains not only the Safety Data Sheets but also technical bulletins on adhesive applications and surface preparation.



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