

TECHNICAL DATA SHEET

FORTIS AD512 (Standard) – Polyurethane Construction Adhesive

ISSUED: May 2014

INTRODUCTION

FORTIS AD512 (Standard) – Polyurethane Construction Adhesive

A single pack moisture curing polyurethane based adhesive.

USE

Bonding timber, concrete blocks, pavers and kerbing to concrete, timber and asphalt substrates Bonding recycled rubber based traffic control mouldings and safety matting to trafficable substrates.

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

TECHNICAL DATA

Colour	Grey
Coverage Rate	1 ½ - 2m ² per litre, dependent on end use.
Cure Time	Normally initial set in 4 hours, safe to traffic after 12hours. Full cure 7 days.
Working Time	Approximately 30 minutes once applied, depending on ambient conditions.
Pack Sizes	14kg plastic pails and 700gm foil sausages
Shelf Life & Storage	Six months in unopened containers. Opened pails may skin and this may be cut off and remaining product used

APPLICATION

SURFACE PREPARATION

Concrete surfaces should be clean and sound. Contact Fortis for specific recommendations. Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate

APPLICATION

Foil Sausages:

Puncture sausage near end with a nail. Squeeze out as a required. Aim for a 6mm diameter bead, at a spacing that allows for an effective footprint of 80% of the covered area once the overlay is bedded in. Fasten or weight to secure during cure.

Pails:

Trowel onto substrates with a suitable notched trowel. A good starting point in 5mm wide by 6mm high V notches at 25mm centres. For thinner sections which may “float” with foaming, use 3mm x 3mm at 10mm centres. Consult Fortis for specific recommendations. Lay directly onto prepared glue with minimum of sideways movement. Remove excess promptly. Do not return mixed product to resin container. Fastening is recommended to secure during cure.

CLEAN UP

Clean up frequently using Fortis Polyurethane brush cleaner before product has set on equipment.

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SAFETY

Please refer to Fortis Safety Data Sheet for Fortis AD512. Fortis AD512 is safe if good working practices and proper application equipment is used. Good industrial hygiene should be observed at all times - impervious gloves should be worn when handling adhesive.

Disclaimer

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