

TECHNICAL DATA SHEET

FORTIS AD5105 – Polyurethane Construction Adhesive

ISSUED: November 2014

INTRODUCTION

FORTIS AD5105 – Polyurethane Construction Adhesive

A fast curing single pack moisture curing polyurethane based adhesive for achieving high bond strength.

USE

General assembly, lamination of solid wood, sandwich panels and wooden structures.

FEATURES

Good adhesion on many hardwoods, softwoods and building boards/panels.

100% Solids

Heat resistant up to 120°C

Solvent and formaldehyde free

Designed to expand (high density foam) to maximise bond footprint

TECHNICAL DATA

Colour	Amber
Coverage Rate	70 – 300gsm subject to substrate.
Cure Time	30 minutes minimum at ca. 20°C, 65% RH, 12% wood moisture content.
Working Time	10 minutes at ca. 20°C, 65% RH, 12% wood moisture content.
Pack Size	225kg
Shelf Life & Storage	Six months in unopened containers.

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

MIXING RATIO

Single pack. Cures by reaction with moisture from the atmosphere and the substrate.

CLEAN UP

Clean up whilst adhesive is still fluid using methylated spirits.

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SAFETY

Please refer to Fortis Safety Data Sheet for Fortis AD5105. Fortis AD5105 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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