

TECHNICAL DATA SHEET

FORTIS ECO COAT 526 GLOSS – Two pack clear water based non-yellowing polyurethane coating

ISSUED: December 2014

INTRODUCTION

FORTIS ECO COAT 526 GLOSS – Two pack clear water based non-yellowing polyurethane coating
A two component, medium solids, clear, gloss, water based polyurethane coating for brush or roller application.

USE

Fortis ECO Coat 526 Gloss is developed for use as a high performance clear polyurethane finish coat for timber and concrete substrates.

FEATURES

A medium build, 2 pack water-based non- yellowing polyurethane system with low odour during installation and excellent wear and abrasion resistance.

TECHNICAL DATA

Colour	Clear Gloss
Composition	Aliphatic polyurethane
Mix Ratio	4.5:1 Part A: Part B by weight or volume
Film Thickness	35 microns per coat DFT
Coverage Rate	12 – 15m ² per litre per coat
Dry Time (Dust Free)	Approximately 2 hours @ 20°C
Recoat Time	12 – 24 hours in adequate drying conditions
Top Coating	Recoat within one day
Final Cure	7 days
Shelf Life	6 months in unopened container

APPLICATION

SURFACE PREPARATION

Substrates need to be clean, sanded and dust and defect free.

PRIMING

Substrates should be primed with either Fortis Prime 520 for both concrete & timber surfaces. For more detail, please refer to their respective datasheets. Very dense or diamond ground exposed aggregate concrete may need to be primed with Polyurethane Adhesion Promoter. For all other substrates, please contact Fortis Adhesive & Coatings.

MIXING

Use a Squirrel Mixer® (1 gallon size) with a variable speed drill, according to the manufacturers recommendations. Add the hardener slowly into the mixing vortex in the resin component maintaining the stirring throughout the addition. Continue for a minimum of three minutes. Use a clean straight edged stirring stick to bring the boundary layer on the sides and bottom of the resin container into the mix. Filter before use. Proper mixing of the viscous hardener into the low viscosity resin component is critical to achieve proper coating properties

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APPLICATION CONTINUED

APPLICATION

Use a clean mohair roller or applicator bar and apply at a spreading rate of 12 – 15m² per litre per coat. Thoroughly mix the Part A and Part B components before application. Avoid entraining air.

CLEAN UP

Clean up with water.

SAFETY DATA

If spraying wear a positive air-supplied full-face respirator. Avoid breathing the dust when sanding use a dust mask. Wear protective clothing and safety glasses. Gloves are essential. Avoid contact with exposed skin. Before commencing work, apply barrier cream. Please refer to Material Safety Data Sheet for further information.

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