

TECHNICAL DATA SHEET

Fortis ECO COAT 526 SATIN – Two Pack Water Based Clear Non-Yellowing Polyurethane Coating

ISSUED: November 2015

INTRODUCTION

FORTIS ECO COAT 526 SATIN –

Two component water based non-yellowing polyurethane coating, medium solids, clear, Satin finish for brush or roller application.

USE

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

FEATURES

Non-yellowing polyurethane system
Medium build
Excellent wear & abrasion resistance
Low odour during installation

TECHNICAL DATA

Colour	Clear Satin
Composition	Aliphatic polyurethane
Mix Ratio	3.3:1 Part A : Part B by weight or volume
Film Thickness	45 microns per coat DFT
Coverage Rate	9m ² per litre per coat
Dry Time (Dust Free)	Approximately 2 hours @ 20°C
Recoat Time	12 – 24 hours in adequate drying conditions
Final Cure	7 days
Shelf Life	6 months unopened, store in cool, dry conditions.
Clean Up	Water

APPLICATION

SURFACE PREPARATION

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

PRIMING

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

MIXING

Use a slow speed drill (300 rpm) and mixing blade that does not entrain air. Add the hardener slowly into 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.

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APPLICATION

Use a clean mohair roller or applicator bar and apply at a spreading rate of 9m² 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

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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