

TECHNICAL DATA SHEET

Fortis Eco Prime 520 – Two Part Water Based Polyurethane Primer

ISSUED: December 2015

INTRODUCTION

FORTIS ECO PRIME 520

Is a two component, clear, water based polyurethane primer build coat, suitable for brush or roller application. For use as a high performance clear polyurethane primer and build coat for wood and concrete substrates. Usually finished with FORTIS ECO COAT 526 Gloss or Satin.

USE

It is predominantly for priming concrete, ceramics, glass and timber.

FEATURES

Medium build two pack water based
Non-Yellowing
Low Odour
Chemically bonds to siliceous and most polar compounds
Cures well in humid and cold conditions.

TECHNICAL DATA

Mix Ratio	Thoroughly mix in ratio 4.1:1 by weight or volume
Pot Life	2hrs
Coverage Rate	10-12m ² /L at 60 microns
Dry to Sand	Overnight
Dry to Recoat	4-6hrs
Recoat Time	Within 1 day
Shelf life	12 months unopened, store in cool, dry conditions.
Clean Up	Water

APPLICATION

SURFACE PREPARATION

For new wood and fully sanded old timber surfaces, final sand with 220 grit sandpaper.

For concrete surfaces, best results are obtained from diamond-grinding followed by etching with Fortis CCA Acid based cleaner to remove the grinding debris and to lower the concrete pH. After the CCA cleaner has dried, prime the surface with Fortis Polyurethane Adhesion Promoter. Allow 2-4 hours for Promoter to fully react, then apply the Fortis ECO PRIME520. Apply 1 - 2 coats of FORTIS ECO PRIME520, followed by 1 or 2 coats of FORTIS COATS526 Gloss or Satin depending on required finish.

APPLICATION

Use a Squirrel Mixer® (1 gallon size) with a variable speed drill, according to the manufacturer's recommendations. Add the hardener slowly and evenly into the mixing vortex in the resin component, while maintaining a constant mixing speed throughout the addition. Avoid entraining air. Continue mixing for a minimum of three minutes. Proper mixing of the viscous hardener into the low viscosity resin component is essential to achieve proper coating properties. Filter before use. Mixed product has a pot life of 2 hours at 25°C.

SAFETY

- KEEP OUT OF REACH FROM CHILDREN
- Wear protective clothing and safety glasses. Gloves are essential.
- Avoid contact with exposed skin
- Apply a barrier cream before commencing work.

For further information, refer to the Fortis Material Safety Data Sheet. www.fortisadhesives.com.au

Disclaimer

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