

Technical Data Sheet

FORTIS ECO PRIME 520

FEATURES

- Non-Yellowing
- Medium build
- Water-based two-pack
- Exterior/Interior use
- Low Odour
- Excellent adhesion to siliceous and most polar compounds
- Chemically Resistant
- Cures well in humid or cold conditions

TYPICAL APPLICATION

- Priming Concrete
- Ceramics
- Glass
- Timber flooring

TECHNICAL DATA

Colour(s): Clear

Finish: Semi-Gloss

Mix Ratio: 4.1:1 by weight or volume

Pot life: 2 hours

Film Thickness: 60µm DFT

Coverage Rate: 10-12m² / L

Dry to recoat: 4-6 hours @20°C

Dry to sand: Overnight

Number of Coats: 1

Recoat #: 10 hrs @20°C 65% RH

Final Cure#: 7 Days



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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**.

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 COAT526 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.

CLEAN UP

Allow rollers to cure prior to discarding.

SAFETY

- **FORTIS ECO PRIME 520 PART B** Contains isocyanates. Please refer to Material Safety Data Sheet prior to use..
- Store in cool, dry conditions, out of direct sunlight and in a well ventilated area. **DO NOT** store below 10°C or over 50°C.
- Good industrial hygiene should be observed at all times – Appropriate PPE should be worn including impervious gloves & eye wear.

PACK SIZE

5L KIT (4L PART A& 1L PART B)

SHELF LIFE

12mths @ 25°C unopened

Note these times depend upon relative humidity, air circulation, temperature and film thickness. Actual times will vary according to combinations of these variables.

*Refer to Fortis website for Tyre Resistance Technical bulletin

For further information, refer to the Fortis website www.fortisadhesives.com.au It contains not only the Safety Data Sheets but also technical bulletins on coating applications and surface preparation.

Disclaimer

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