

FORTIS PRIME 520



FORTIS 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 COAT 526 Gloss or Satin**.

Features and Benefits	• 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 Applications	• Priming Concrete, Ceramics, Glass, Timber flooring
Properties	• Colour: 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
Pack Size	5L Kit (4L Part A and 1L Part B)
Shelf Life	12 months @ 25°C unopened
Safety	• Contains isocyanates • Refer to Safety Data Sheet prior to use • Good industrial hygiene practices should be observed at all times • Appropriate PPE should be worn including impervious gloves & eye wear
Storage	Store in cool, dry conditions, out of direct sunlight and in a well-ventilated area. Do not store below 5°C or over 40°C
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 Prime 520.
Application	Use a Jiff Mixer (4-9 L 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.

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Filter before use. Mixed product has a pot life of 2 hours at 25°C.

Apply 1 - 2 coats of **Fortis Prime 520**, followed by 1 or 2 coats of **Fortis Coat 526 Gloss or Satin** depending on required finish

Clean-Up

Allow rollers to cure prior to discarding

Limitations

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

For further information, including Safety Data Sheets and Technical Bulletins on adhesive applications and surface preparation, refer to the Fortis website www.fortisadhesives.com.au.

Disclaimer - Fortis products should be used in accordance with the information contained herein. Each user should read and consider this information carefully in the context of how the products will be handled and used in the workplace including in conjunction with other products. While the information contained herein is to the best of our knowledge at the date of publication, Fortis makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Fortis Adhesives & Coatings. Fortis products are sold without express or implied warranties, other than as provided by statute, and subject to our standard terms and conditions (provided to customers and available on request). Subject to our standard terms and conditions, and any statutory provisions, Fortis accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Fortis Adhesives & Coatings products or reliance upon the information contained herein.

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