

# Technical Data Sheet

## FORTIS ECO COAT 526 MATT

### FEATURES

- Low odour, ultra low VOC
- Medium solids
- UV stable
- Excellent wear resistance
- Excellent abrasion resistance

### TYPICAL APPLICATION

- Concrete flooring
- Timber flooring
- Concrete benchtops, walls, stairs

### TECHNICAL DATA

Color : Clear

Finish: Matt\*

Mix ratio: 3.3 parts A to 1 part B (vol)

Work time: 45-60 minutes

Film Thickness: 45µm DFT

Coverage Rate: 9m<sup>2</sup>/L

Recoat : 6-24hrs @20°C

Maximum recoat: 48 hours

Tack free: 2-3 hours

Final Cure: 7 Days

Number of Coats: 1 finish coat

**FORTIS ECO COAT 526 MATT** is a two component, medium solids, clear, gloss, water based polyurethane coating for brush or roller application. Fortis ECO Coat 526 Matt has been developed for use as a high performance clear polyurethane finish coat for concrete and timber, used as a finish coat over **FORTIS ECO COAT 526 GLOSS**.

### APPLICATION

Fortis ECO Coat 526 Matt can be applied by brush or roller. Mixed material should be poured out in ribbons across the area to be rolled. A 270mm microfibre 5mm NAP roller cover is recommended. Fortis ECO Coat 526 Gloss should be applied over Fortis ECO Prime 520 to achieve the desired build. For a matt finish, build coats should be Fortis ECO Coat 526 Gloss, and final coat should be Fortis ECO Coat 526 Matt.

### SURFACE PREPARATION

Fortis 526 Matt is recommended as a finish coat over Fortis 526 Gloss. *For full surface preparation instructions, refer to Fortis ECO Prime 520 and Fortis ECO Coat 526 Gloss Technical Data Sheets.*

### MIXING

Ensure Fortis ECO Coat 526 Matt Resin (Part A) is mixed thoroughly prior to use. The mixing ratio for Fortis ECO Coat 526 Matt is 4.5 Parts Base (Part A) to 1 Part Hardener (Part B) by volume; graduated plastic mixing containers are recommended for measuring volumetric quantities. Fortis ECO Coat 526 Matt is provided as full kits that can be mixed with care in suitable mixing containers. 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.

### ENGINEERING DATA

VOC content: <10 g/L

Application temperature: 10-35°C

### LIMITATIONS

Avoid working in conditions that could cause condensation to form on the uncured coating.

\*Note that differences in application thickness, and differences in drying speed caused by differences in ventilation and sunlight will irreversibly effect gloss levels, potentially giving an uneven finish.

### CLEAN UP

Equipment can be cleaned with water immediately after use. Hardened materials must be removed mechanically. Allow rollers and brushes to cure prior to disposal.

### SAFETY

Contains Isocyanates: refer to material safety data sheet. Avoid skin contact. Mix and apply with adequate fresh ventilation.

### PACK SIZE

5L kits

### SHELF LIFE

6mths @ 25°C unopened

*For further information, refer to the Fortis website [www.fortisadhesives.com.au](http://www.fortisadhesives.com.au) It contains not only the Safety Data Sheets but also technical bulletins on coatings applications and surface preparation.*



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### Disclaimer

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