

# Technical Data Sheet

## FORTIS COAT 519 GLOSS

### FEATURES

- Non-Yellowing Polyurethane
- Exterior/Interior use
- Contains UV absorbers
- Highly Durable
- Chemical Resistant
- Stain Resistant
- Wide temperature range
- Tyre stain resistant\*
- Trafficable
- Low odour
- Xylene free

### TYPICAL APPLICATION

- Grind n Seal
- Restaurants & Cafes
- Exposed aggregate
- Warehouse and Factory floors
- High traffic areas
- Flake
- Timber flooring
- Furniture

### TECHNICAL DATA

Color: Clear

Finish: Gloss

Film Thickness: 50µm @ 8m<sup>2</sup>/litre

Coverage Rate: 8-10m<sup>2</sup> / l

Number of Coats: Minimum 2

Recoat #: 6-24hrs @25°C 65% RH

Final Cure#: 7 Days



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**FORTIS COAT 519 GLOSS** – Moisture curing non-yellowing clear polyurethane is a high performance moisture curing non-yellowing clear polyurethane finish coat for concrete and timber. It is suitable for brush, roller or spray application.

### APPLICATION

#### SURFACE PREPARATION

Substrates should be thoroughly sanded or ground to provide a keyed surface. If applying over existing coatings adhesion should be tested. Remove all potential contaminants.

#### Over New Concrete

On new concrete surfaces it is best to diamond grind the surface. Fresh concrete should be left to cure for a minimum of 28 days prior to application.

#### Old Surfaces

Old surfaces are best diamond ground but it is possible to etch and clean the surface. Contact Fortis if unsure. On surfaces with large amounts of quartz it is recommended pre-prime the surface with Fortis Polyurethane Adhesion Promoter.

### APPLICATION

All surfaces must be thoroughly dry before applying Fortis Coat 519. It is best applied with a 5mm good quality roller. It is best to pour directly out of the can/pail provided onto the floor and work your way across the room. If you must work out of a tray or working pot decant sufficient for immediate use. Seal original container to prevent moisture exposure. Decant only the amount that is sufficient for 30 minutes use and **do**

**not** return unused product to original container. Sand lightly between coats to remove defects using 150 grit mesh screen. In cold conditions add up to 2% Fortis Through-cure Catalyst Solution to achieve normal application viscosity and cure rate. Use appropriate PPE if applying

### NUMBER OF COATS

The total build on new surfaces should be achieved using 3 coats at the recommended application rate. On recoat work, one or two coats are sufficient. It is essential to sand between coats after 12 hours cure for improved inter-coat adhesion. Final cure is achieved after 7 days.

### Disclaimer

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### PRIOR TO SERVICE

Only light foot traffic for first 2-3 days. Do not place any mats or covering on service until fully cured. Do not wash surface until fully cured. 7 Days. Doing so could reduce gloss level. It is recommended only a neutral cleaner be used to maintain coating.

### CLEAN UP

Allow rollers to cure prior to discarding.

### SAFETY

- 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

4l, 20l

### 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](http://www.fortisadhesives.com.au) It contains not only the Safety Data Sheets but also technical bulletins on coating applications and surface preparation.*