

# Technical Data Sheet

## FORTIS COAT 519 MATT

### FEATURES

- Non-Yellowing Polyurethane
- Matt finish
- Exterior/Interior use
- Highly Durable
- Chemical Resistant
- Stain Resistant
- Wide temperature range
- Trafficable
- Low odour
- Xylene free

### TYPICAL APPLICATION

- Final coat only
- Grind n Seal
- Restaurants & Cafes
- Exposed aggregate
- Concrete floorings
- Flake
- Timber flooring
- Furniture

### TECHNICAL DATA

Color : Clear

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

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

Final Cure: 7 Days

Recoat : 6-12hrs

Number of Coats: 1 after build coats



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**FORTIS COAT 519 MATT** – 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. On new concrete surfaces it is best to diamond grind the surface. 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

**FORTIS COAT 519 MATT** should only be used as a final coat. The build coats should be done with **FORTIS COAT 519 GLOSS**. Two coats of **GLOSS** and one coat of **MATT** are sufficient unless the substrate is extremely porous.

It is best to pour directly out of the can/pail provided onto the floor and work your way across the room. Apply using a 5mm nap roller for best results. 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 2-3 coats of **FORTIS COAT 519 GLOSS** at the recommended application rate, before finishing with **MATT**. 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 5°C or over 40°C.
- Good industrial hygiene should be observed at all times – Appropriate PPE should be worn including impervious gloves & eye wear.

### PACK SIZE

4L

### 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.*