

TECHNICAL DATA SHEET

Fortis COAT 519 GLOSS – Moisture curing non-yellowing clear polyurethane

ISSUED: December 2014

INTRODUCTION

FORTIS COAT 519 GLOSS – Moisture curing non-yellowing clear polyurethane

Is a high performance moisture curing, aliphatic (non-yellowing) clear polyurethane finish coat for wood, especially wooden floors, ground cementitious surfaces and for some of the Fortis range of floor systems. It is suitable for brush, roller or spray application. Please note this product is also available in Satin & Matt.

USE

Suitable for interior and exterior use.

FEATURES

Non-yellowing, moisture curing polyurethane finish
 Contains protective UV absorbers
 Fast curing in a wide temperature range
 Tyre stain resistant
 Low odour (xylene free) in comparison to alternative products

TECHNICAL DATA

Colour	Clear
Pack Size	4lt and 20lt gloss only
Film Thickness	50µm @ 8m ² /litre
Coverage Rate	8-10m ² per litre for flooring, 12-15m ² per litre for vertical applications
Final Cure	7 days
Recoat Time	6-12 hours depending on temperature and ventilation. It is essential to sand between coats after 12 hours cure for improved inter-coat adhesion.
Number of coats	The total build on new timber or concrete surfaces should be achieved using 3 coats at the recommended application rate. On recoat work, one or two coats are sufficient.
Clean up	Use only Fortis Polyurethane Brush Cleaner
Shelf Life	12 months unopened, store in cool, dry conditions.

APPLICATION

SURFACE PREPARATION

Substrates should be thoroughly sanded or ground to provide a keyed surface, and existing coatings tested for solvent resistance. Remove all contaminants. Concrete surfaces should be cleaned/etched with Fortis CCA or diamond ground and primed with Polyurethane Adhesion Promoter Refer to 'Application' advice below

APPLICATION

Decant sufficient for immediate use into a roller tray or working pot. 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. Apply by floor brush or mohair roller. Sand lightly between coats to remove defects. In cold conditions add up to 2% Fortis Through-cure Catalyst Solution to achieve normal application viscosity and cure rate. Thin as required for block or paver penetration coat with Fortis Reducer. Use appropriate PPE if applying by spraying.

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NUMBER OF COATS

The total build on new timber or concrete 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.

CLEAN UP

Use only Fortis Polyurethane Brush Cleaner.

SAFETY

Contains isocyanates. When sprayed, this product may be harmful by inhalation. Do not breathe vapour or spray. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves, eye and face protection, including suitable breathing protection, such as an air-supplied respirator or hood. Avoid contact with exposed skin. Please refer to Material Safety Data Sheet for further information.

Disclaimer

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