
Technical Data Sheet

FORTIS COAT526 GLOSS 2 PART WATER BASED POLYURETHANE

DESCRIPTION	A two component, medium solids, clear, gloss, water based polyurethane coating for brush or roller application.
USES	Fortis Coat526 Gloss is developed for use as a high performance clear polyurethane finish coat for timber and concrete substrates.
FEATURES	A medium build, 2 pack water-based non- yellowing polyurethane system with low odour during installation and excellent wear and abrasion resistance.
COLOUR	Clear gloss
PACK SIZE:	5lt kit. Larger kits made to order.
SURFACE PREPARATION	Substrates need to be clean, sanded, and dust and defect free.
PRIMING	Substrates should be primed with either FORTIS PRIME520C for concrete surfaces or FORTIS PRIME520W for timber surfaces. For more detail, please refer to their respective datasheets. Very dense or diamond ground exposed aggregate concrete may need to be primed with Polyurethane Adhesion Promoter. For all other substrates, please contact Fortis Adhesive & Coatings.
MIXING	Thoroughly mix the Part A and Part B components separately before application. Avoid entrapment of air. Use a Squirrel Mixer® (1 gallon size) with a variable speed drill, according to the manufacturers recommendations. Add the hardener slowly into the mixing vortex in the resin component maintaining the stirring throughout the addition. Continue for a minimum of three minutes. Use a clean straight edged stirring stick to bring the boundary layer on the sides and bottom of the resin container into the mix. Filter before use. Proper mixing of the viscous hardener into the low viscosity resin component is critical to achieve proper coating properties.
APPLICATION	Use a clean mohair roller or applicator bar and apply at a spreading rate of 12-15 m ² per litre per coat.

TECHNICAL DATA

Composition:	Aliphatic polyurethane
Mix Ratio:	4.5:1 Part A: Part B by weight or volume
Film Thickness:	35 microns per coat DFT
Coverage Rate:	12-15 m ² per litre per coat
Dry Time(Dust Free):	Approximately 2 hours @ 20°C
Recoat Time:	12-24 hours in adequate drying conditions
Top coating:	Recoat within one day
Final Cure:	7 days
Shelf Life:	6 months in unopened container
Clean Up:	Water

SAFETY DATA

Please refer to Fortis Safety Data Sheet for Fortis COAT526. Fortis COAT526 is safe if good working practices and proper application equipment is used. Caution should be taken as the material contains isocyanates. When sprayed this product may be harmful by inhalation. Good industrial hygiene should be observed at all times. Wear suitable protective clothing, impervious gloves, eye and face protection, including suitable breathing protection, such as an air-supplied respirator or organic canister mask. Avoid contact with exposed skin.

Note: *Fortis COAT526 contains isocyanates. It is recommended that positive air-supplied full-face respirator be used if spraying.*

Disclaimer

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