

FORTIS COAT 527 PU



Fortis Coat 527 PU is a two component non-yellowing clear gloss finish acrylic modified polyurethane coating, formulated to combine chemical resistance with durable performance and decorative finish. It is easily applied by brush, roller or airless spray and cures rapidly.

- Features and Benefits**
- Non-yellowing
 - Exterior/Interior use
 - Self-priming
 - Fast drying
 - Highly durable
 - Chemical resistant
 - Wide temperature range
 - Tyre stain resistant*
 - Trafficable

- Typical Applications**
- Restaurants & cafes
 - Warehouse and factory floors
 - High traffic areas
 - Wall lining finish over epoxy
 - Timber flooring
 - Flake flooring

- Properties**
- Mix ratio: 4 Parts A to 1 Part B by volume
 - Finish: Gloss
 - Film thickness: 60µm @ 7.5m²/L
 - Coverage rate: 5-10m²/L
 - Pot life: ~45 minutes
 - Touch dry: 1-3 hours
 - Hard dry: 10-24 hours
 - Recoat #: ~8-24 hours
 - Vehicle traffic: 72 hours
 - Number of coats: minimum 2
 - Final cure#: 7 days

- Colours**
- Clear

Pack Size 4L and 20L kits

Shelf Life 12 months @ 25°C unopened

- Safety**
- **Fortis Coat 527 PU** Part B contains isocyanates
 - Refer to Safety Data Sheet prior to use
 - Good industrial hygiene practices should be observed at all times
 - Appropriate PPE should be worn including impervious gloves & eye wear

Storage 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

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.

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Old Surfaces

Old surfaces are best diamond ground but it is possible to etch and clean the surface. Contact Fortis if unsure.

Application

All surfaces must be thoroughly dry before applying **Fortis Coat 527 PU**. It is best applied with a 5mm good quality roller. Thoroughly mix all Part A and Part B components together before application. Use 300 rpm drill with Jiffy blade or similar. It is best to pour directly out of the mixing can/pail provided onto the floor and work your way across the room. Sand lightly between coats to remove defects using 150 grit mesh screen.

Number of Coats

The total build on new surfaces should be achieved using 1-2 coats at the recommended application rate. It is essential to sand between coats after 24 hours cure for improved inter-coat adhesion. Final cure is achieved after 7 days.

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. Uncured material can be cleaned with acetone or xylene. Cured material must be removed mechanically.

Limitations

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, including Safety Data Sheets and Technical Bulletins on adhesive applications and surface preparation, refer to the Fortis website www.fortisadhesives.com.au.

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Manufacturers of a range of Industrial Adhesives, Floor Coatings and Concrete Repair Systems. From Epoxy to Polyaspartic, Polyurethane to PVA, and with our Industry leading Technical Support, Fortis has you covered.