

Technical Data Sheet

FORTIS COAT 527

FEATURES

- Non-Yellowing
- Exterior/Interior use
- Rapid Cure
- MAF compliant for food areas
- Highly Durable
- Chemical Resistant
- Wide temperature range
- Tyre stain resistant*
- Trafficable

TYPICAL APPLICATION

- Food processing
- Restaurants & Cafes
- Bakery
- Light duty floor coating
- Warehouse and Factory floors
- High traffic areas
- Wall lining finish over epoxy
- Timber flooring

TECHNICAL DATA

Colour(s): 35 Light Grey, N44 Bridge Grey

Finish: Satin

Film Thickness: 70µm @ 7.5m²/litre

Coverage Rate: 7-10m² / L

Dry Time: 16 hours @20°C

Number of Coats: Minimum 2

Recoat #: 10 hrs @20°C 65% RH

Final Cure#: 7 Days



Fortis Adhesives & Coatings
14 Commercial Drive
Dandenong South,
Victoria, Australia, 3175
www.fortisadhesives.com.au
+61 3 97065448

FORTIS COAT 527 is a two component colour stable satin 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, cures rapidly, and complies with MAF requirements for food processing areas.

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 527**. It is best applied with a 5mm good quality roller. Thoroughly mix all of the 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. 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

Unless over coating epoxy systems within the over coating window, surfaces should be primed with **FORTIS PRIME820**. 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 10 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

- **FORTIS COAT 527 PART B** 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

9L KIT

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 It contains not only the Safety Data Sheets but also technical bulletins on coating applications and surface preparation.