



TAL DECKCOAT CP

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Polyurethane anti-skid car park coating system

Product Description

TAL DECKCOAT CP is multi layer high performance, flexible polyurethane anti-skid car park coating system comprising a primer, anti-skid coat and aliphatic polyurethane top coat.

Advantages

- Meets SCAQMD Rule 1113 & LEED VOC Limits
- Formaldehyde free
- Durable
- Fast cure
- VOC compliant
- Waterproof
- Flexible
- UV stable
- Easy to apply

Typical Uses

- Car park decks and ramps
- Set down and waiting areas
- Workshops and transport depots
- Outside parking areas
- Walkways
- Helidecks
- Aircraft hanger

Laboratory Test Data

Property	Typical Results
Hardness (Shore A)	>90
Tensile strength	>25 MPa
Tear resistance	75 kN/m
Crack bridgeability*	0.5 to 2mm
Elongation	>200%
Impact resistance	No cracking or debonding (1.8 kg/m)
Bond to concrete	>2MPa

* Depends on total system build up.

Chemical Resistance

TAL DECKCOAT CP has excellent resistance to the following chemicals:

- Mild acids
- Petrol
- Kerosene (Jet Fuel)
- Brake fluid
- Chlorinated water
- Distilled water
- Detergents
- De-icing solutions

Specification Compliance

SCAQMD Rule 1113
LEED NC2009 IEQ 4.2

Specifications can be tailored to suit individual circumstances but typically are as follows:

Exposed Deck

TAL TAL DECKCOAT CP
PRIMER

TAL TAL ANTI-SKID GRAINS

TAL DECKCOAT CP
ANTI-SKID COAT

TAL DECKCOAT CP
TOP COAT

Intermediate Deck

TAL TAL DECKCOAT CP
PRIMER

TAL TAL ANTI-SKID GRAINS

TAL DECKCOAT CP
ANTI-SKID COAT

TAL DECKCOAT CP
TOP COAT

Typical system thickness 550µm (excluding TAL ANTI-SKID GRAINS)

Ramp and traffic isles are typically laid thicker.

Colours

Traffic Grey A	RAL 7042
Traffic Grey B	RAL 7043
Carmine Red	RAL 3002
Traffic Blue	RAL 5071
May Green	RAL 6017

Custom colours available.

Theoretical Coverage

TAL TAL DECKCOAT CP PRIMER: 0.15 to 0.20 L/m²
 TAL TAL ANTI-SKID GRAINS: 0.4 to 1.0 kg/m²
 TAL TAL DECKCOAT CP ANTI-SKID COAT: 0.20 to 0.4 L/m²
 TAL TAL DECKCOAT CP TOP COAT: 0.20 to 0.4 L/m²

Actual coverage will depend on wastage and surface profile and can be up to 20% higher than theoretical coverage.

Packaging

TAL DECKCOAT CP PRIMER: 15 L kits
TAL DECKCOAT CP ANTI-SKID COAT: 19 L kits
TAL ANTI-SKID GRAINS: 25 kg
TAL DECKCOAT CP TOP COAT: 19 L kits

Shelf Life

12 months when stored at below 25°C under shade in a dry environment.

Installation Guidelines

TAL DECKCOAT CP should be applied by experienced coating crews. TAL provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation

The substrate must be structurally sound. Loose or unsound concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The surface should be prepared by light grit blasting or high pressure water blasting to produce a lightly exposed aggregate surface. Any bug holes should be filled with TAL BUGFILL. The moisture content of the concrete should be less than 5%.

Application

TAL DECKCOAT CP PRIMER

Mix by adding the hardener 'Part B' in to the base 'Part A' and mix using a slow speed drill (350 to 500 rpm) with a Coating Mixer Paddle for at least 3 minutes until both components have fully dispersed and are uniform in color. Be sure to rotate the mixer throughout the drum. Mix only full packs. Apply in a single coat of 150 to 200 microns wet film thickness using brush, roller or airless spray. Broadcast TAL AS GRAINS onto the surface while still wet and back roll to ensure complete adhesion. The grain size (Fine or Coarse) and broadcast rate will be dependant on the surface texture required by will generally be in the range of 0.4 to 0.8 kg/m². Apply the TAL DECKCOAT CP ANTI SKID COAT after 6 to 24 hours at 30°C.

TAL DECKCOAT CP ANTI-SKID COAT

Mix as for the TAL DECKCOAT CP PRIMER. Apply in a single coat of 200 to 400 microns wet film thickness using brush, roller or airless spray. Apply the TAL DECKCOAT CP TOP COAT after 4 to 36 hours at 20°C.

TAL DECKCOAT CP TOP COAT

Mix TAL TAL DECKCOAT CP TOP COAT using the following technique. Add the hardener 'Part B' into the base 'Part A' and mix using a slow speed drill (500 rpm) with an Coating Mixer Paddle for 3 minutes or until both components have fully dispersed and are uniform in colour. Be sure to rotate the mixer throughout the drum. Mix only full packs. Apply in a single coat of 140 microns wet, using roller or airless spray.

Line Marking

Carry out line marking within 48 hours using TAL LMP.

Clean Up

Clean equipment using TAL SOLVENT while coatings are still wet. Cured coatings can only be removed mechanically.

Limitations

Do not be apply within 3°C of the dewpoint or if it is within 5°C of the dewpoint and dropping.
Do not add solvent to any of the products.
Avoid excessive application.
Do not discard into the water system.
Apply only on to ground slabs that have vapor barrier installed in order to prevent blistering due to osmosis or use TAL VAPORSTOP PRIMER.

