

Deckshield ID Intermediate Deck



Standard Colour Chart



Forest Green



Tile Red



Ocean Blue



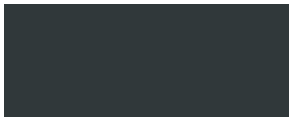
Light Blue



Goosewing Grey



Mid Grey



Dark Grey



Black

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

Description

Deckshield ID is a Green Label certified, low VOC, solvent free, flexible polyurethane car park deck coating system providing a colourful watertight, hard wearing surface for intermediate decks of multi-storey, basement and other trafficable suspended floors.

Uses

Deckshield cosmetically enhances and reduces noise, making multi-storey car parks and suspended floors brighter, safer environments to visit. Deckshield is suitable for refurbishment of existing car parks or new construction projects.

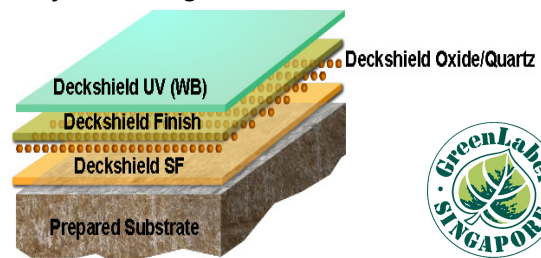
Benefits

- Green Label certificated – environmentally friendly/low VOC paint
- Aesthetically attractive – brightens up dull, dark, musty car parks and suspended floors
- Reduces noise – greatly reduces tyre squeal
- Hard wearing – abrasion resistant
- Excellent chemical resistance to engine oil, battery acid, hydraulic fluid, fuel, etc.
- Fire resistant
- Slip resistant
- Resistant to hair line cracking
- Excellent bond strength
- Fast track installation
- 100% UV light stable – non yellowing

Project References

Multi-storey car parks world-wide:-, Tropicana City Mall, One KLCC Condominium, Malaysia; Regence Royal, The Summit, Sky Horizon, Sorrento, AIA, Hong Kong; Deira City Centre Triangle, UAE; Orchard Central Shopping Mall, Singapore.

System Design



089-032
Environmentally Friendly /
Low VOC Paint

Model Specification

Product: Deckshield ID system
Finish: Textured
Thickness: Dependant on specification
Colour: _____
Preparatory work and application in accordance with manufacturer's instructions.
Manufacturer: Flowcrete Asia Sdn. Bhd.
Telephone: Customer Service - +603 6277 9575

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products Included in this System

Deckshield SF and fully blind with
Deckshield Quartz or Oxide
Deckshield Finish
Deckshield UV (WB)

Deckshield Finish and Deckshield UV (WB) are endorsed with Green Label for the above standard colours. For non standard colours, please consult Flowcrete Technical Department.

Note: Alternative specifications are available for steep ramps and ramps with severe camber (please consult Flowcrete for further advice).

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site at www.flowcrete.com.my.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Focus on the Floorzone

Flowcrete Asia Sdn Bhd is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

Flooring Design Service

Special corporate colours and designs can be produced to special order.

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Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Fire Resistance	BS476: Part 3: Designated EXT.FF.AA
Slip Resistance	TRRL Pendulum Slip Test Dry >40 Wet >40 (low slip potential)
Temperature Resistance	Softens over 70 °C, Hardens on cooling
Water Permeability	Nil- Karsten test (impermeable)
Chemical Resistance	Contact Technical Department. Resistant to petrol, diesel, antifreeze, hydraulic fluid, chlorides and battery acids.
Resistance to chloride ions	DOT BD47/94: Appendix B, Method B4.2(d). Result: No chloride ion penetration after 28 days
Abrasion Resistance	0.1g loss per 1000 cycles (ASTM D4060) (1 kg load using CS17 wheels)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.
VOC Content	Very Low < 20 g/L (ISO11890-2)
UV Light Resistance	Excellent (Non-yellowing)

Speed of Cure

	10 °C	20 °C	30 °C
Light traffic	30 hrs	18 hrs	12 hrs
Full traffic	36 hrs	48 hrs	24 hrs
Full chemical cure	12days	7days	6days

Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.