

### Deckshield Concrecoat



#### Description

Deckshield Concrecoat is a high performance coating system to compliment Deckshield Traffic Deck Coating systems. A single component, water based high-reflective, anti-carbonation system for external walls, columns, soffits and ceilings in interior parking structures.

Deckshield Concrecoat is micro porous allowing the substrate to breathe. It has excellent resistance to carbon dioxide permeation and significantly reduces the likelihood of carbonation. Concrecoat provides excellent long-term resistance to dirt pickup. Deckshield Concrecoat has high light reflective properties.

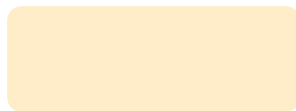
#### Uses

Deckshield Concrecoat offers outstanding weatherproofing properties with optimum levels of UV resistance, adhesion and durability. It can be applied onto a wide variety of substrates including; concrete, plaster, brick and asbestos cement.

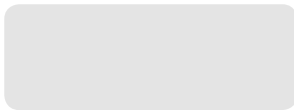
#### Standard Colour Chart



White



Beige 326



Light Grey



Mid Grey 280

#### Special Colours (Upon Request)



Green



Orange



Purple

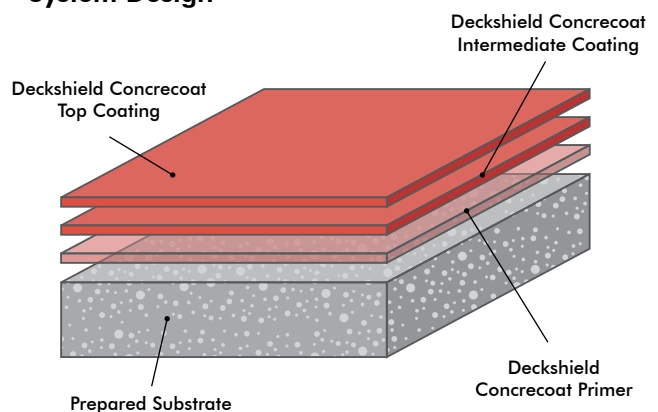


Blue

#### Benefits

- Excellent resistance to carbonation
- High light reflectivity
- Enhances the aesthetics of the structure
- VOC free and low odour
- No dirt pick up
- LEED Compliant
- Low maintenance
- Provides an economical alternative to additional lighting
- Extends concrete life expectancy

#### System Design



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. Bespoke colours (such as the image shown) are available on request.

## Model Specification

Product: Deckshield Concrecoat system  
Finish: Satin  
Thickness: Dependant on specification  
Colour: \_\_\_\_\_  
Preparatory work and application in accordance with suppliers instructions.  
Manufacturer: Stoncor Middle East LLC  
Telephone : Customer Service +971 4 347 0460

## Substrate Requirements

All surfaces should be clean, dry and free from other contamination. Any surfaces contaminated with dirt, oil or grease should be detergent pressure washed and allowed to dry. Surface should then be swept free of all dust and loose materials. Concrecoat is a single component and requires no mixing. It should be stirred before use to incorporate any slight separation in transit/storage.

## 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 website at [www.flowcrete.ae](http://www.flowcrete.ae)

## 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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Focus on the Floorzone

Flowcrete, 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.

## Technical Information

|  |                  |
|--|------------------|
| Moisture Vapour Permeability<br>Taywood Method | $S_d = 0.5m$     |
| Direct Pull Adhesion<br>ASTM D4541             | Concrete failure |
| Carbon Dioxide Diffusion<br>Taywood Method     | $R(m) = 274$     |

## Application

Priming: Dilute 1 part Concrecoat 1 part with cold drinking water and apply at 6m<sup>2</sup>/litre.

Topcoats: Apply the Concrecoat with good quality brushes and/or medium pile rollers in an even coat.

On rough surfaces the material needs to be worked in to ensure complete coverage.

The required film thickness of 100 – 150 microns is achieved with 2 brush coats.

## Application temperature

The recommended substrate temperature is 15 - 35°C, but no less than 5°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.

Temperatures should not fall below 5°C in the 24hrs after application.

## 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.