

Deckrete ED

External Car Park Floor System (2 mm)

Description

Deckrete ED is a solvent free polyurethane car park deck coating system to provide flexible, crack bridging and waterproof for exposed car park floor.

Uses

Deckrete ED is used for exposed car park deck where a decorative appearance, hard wearing, UV resistance and anti-slip properties are required.

Advantage

- A esthetically attractive
- Waterproof
- Reduces tyre noise
- Hard wearing
- Anti-slip
- UV resistant
- Solvent free
- Excellent bond strength
- Resistant to cracking

Standard Color



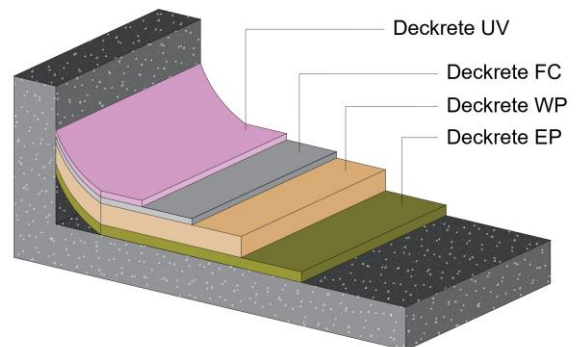
Appearance

Deckrete ED provides a anti-slip finish with a glossy surface.



Physical Properties	
Adhesive Strength (ASTM C 321)	>1.5 N/mm ²
Shore D Hardness (ASTM D 2240)	30
Elongation at Break (ASTM D 412)	300%
Abrasion Resistant (ASTM D 1044) Taber CS-10	40 mg/1000 cycles/1kg
Solar Reflectance Index – SRI (ASTM E 1980-01)	86
TRRL Slip Resistance (BS 7976)	80 Dry 45 Wet

System Design



Specification Detail	Coverage
Deckrete EP	0.2 kg/m ²
Deckrete WP	1.2 kg/m ²
Quartz	2.0 kg/m ²
Deckrete FC	0.7 kg/m ²
Deckrete UV	0.12 kg/m ²

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from dust, loose particles and contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance. Substrate moisture levels should be no greater than 75% RH. BS 8204 SR 2 – 5 mm at every 3 meter.

Application

Please read Deckrete ED Method Statement for requirements of surface preparation, mixing and application.

Cure Schedule	35°C
Light Traffic	12 hours
Full Traffic	24 hours
Full Chemicals Cure	5 days

Maintenance

Regular cleaning of Deckrete ED may be carried out using a rotary scrubbing machine with a water miscible cleaning agent.

Temperature Resistance

Deckrete ED is resistant to temperature cycles up to 90°C. Extended periods at these temperature and above will make material susceptible to chemical attack and abrasion wear.

Chemical Resistance

Examination for this was made with six common chemicals:-

- ✓ engine oil (used)
- ✓ brake fluid
- ✓ anti-freeze mixture
- ✓ saturated salt water
- ✓ battery acid
- ✓ petrol

Health & Safety

For further information, refer to the product Material Safety Data Sheet, available upon request.

Additional Information

Topkrete manufacturers and offers a wide range of complementary products which includes waterstop, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

Important note

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