

Deckrete BS

Basement Car Park Flooring
(2 mm)

Description

Deckrete BS is a solvent free polyurethane car park deck coating system to provide flexible, crack resistant and hydrostatic pressure resistant for basement car park floor.

Uses

Deckrete BS is used for basement car park deck where a decorative appearance, durable, and anti-slip properties are required.

Advantage

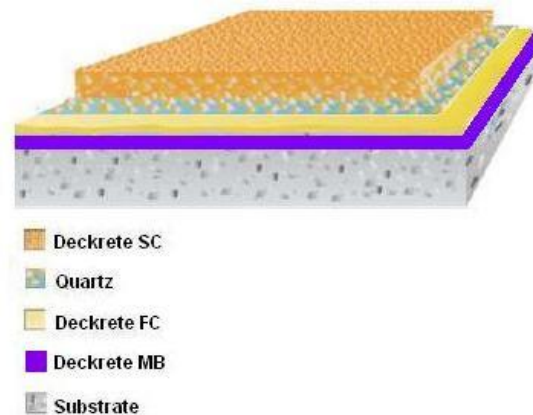
- A esthetically attractive
- Reduces tyre noise
- Hard wearing
- Anti-slip
- Fire resistant
- Solvent free
- Excellent bond strength
- Resistant to cracking
- Withstand hydrostatic pressure – (which is of 25m head of water)

Standard Colour



Physical Properties	
Compressive Strength (ASTM C 109)	65 N/mm ²
Adhesive Strength (ASTM C 321)	>3.5 N/mm ²
Shore D Hardness (ASTM D 2240)	70
Elongation (ASTM D412)	70%
Hydrostatic Pressure Resistant (CRD-C-48-73)	36 psi (2.5 bar)
Abrasion Resistant (ASTM D 1044) Taber CS-10	40 mg/1000 cycles/1kg
TRRL Slip Resistance (BS 7976)	80 Dry 45 Wet

System Design



Specification Detail	Coverage
Deckrete MB	0.6 kg/m ²
Deckrete FC	0.6 kg/m ²
Quartz	2.0 kg/m ²
Deckrete SC	0.7 kg/m ²

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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 BS 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 BS may be carried out using a rotary scrubbing machine with a water miscible cleaning agent.

Temperature Resistance

Deckrete BS is resistant to temperature cycles up to 70°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

Technical Support

TOPKRETE offers a comprehensive range of high performance, quality products. TOPKRETE offers a technical support package to specifiers and contractors which include assistance with product selection and technical advice from staff with unrivalled experience in the industry.

Health & Safety

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

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.

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