

Deckrete LBS

Basement Car Park Flooring

Description

Deckrete LBS is a solvent free polyurethane car park deck coating system to provide a flexible, crack resistant and moisture barrier for basement car park floor.



Uses

Deckrete LBS is used for basement car park floor where a decorative appearance, durable, and moisture barrier properties are required.

Advantage

- A esthetically attractive
- Hard wearing
- Anti-slip
- Fire resistant
- Solvent free
- Excellent bond strength
- Resistant to cracking
- Moisture Barrier

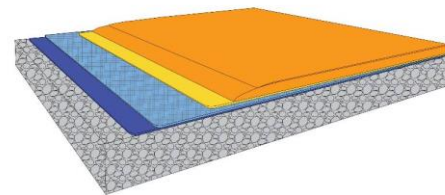
Standard Colour



Physical Properties

Compressive Strength (ASTM C 109)	60 N/mm ²
Adhesive Strength (ASTM C 321)	>1.5 N/mm ²
Shore D Hardness (ASTM D 2240)	70
Abrasion Resistant (ASTM D 1044) Taber CS-10	40 mg/1000 cycles/1kg
TRRL Slip Resistance (BS 7976)	80 Dry 45 Wet
UV Light Resistance	Excellent
Water Permeability	Nil

System Design



-  Deckrete PUW
-  Deckrete CP
-  Deckrete Quartz
-  Deckrete DPM
-  Substrate

Primer	: Deckrete DPM
Sand Scatter	: Deckrete Quartz
Body Coat	: Deckrete CP
Top Coat	: Deckrete PUW

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. The substrate shall be free from continuous rising moisture with high hydrostatic pressure.

Application

Please read Deckrete LBS 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	6 days

Maintenance

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

Temperature Resistance

Deckrete LBS 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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Topkrete Sdn Bhd (597943-M)

Office : 19-G, Blok A, Jalan Atmosphere 3,
Pusat Perniagaan Atmosphere,
Bandar Putra Permai,
43300 Seri Kembangan,
Selangor Darul Ehsan. Malaysia
Tel: +603- 8957 8999 Fax: +603-8959 1661
Email: info@topkrete.com
www.topkrete.com

Factory : No.3, Jalan Utama 1/12,
Taman Perindustrian Puchong Utama,
47100 Puchong,
Selangor Darul Ehsan. Malaysia.
Tel : +603-80631883 Fax: +603-80631983