

DEKRETE 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



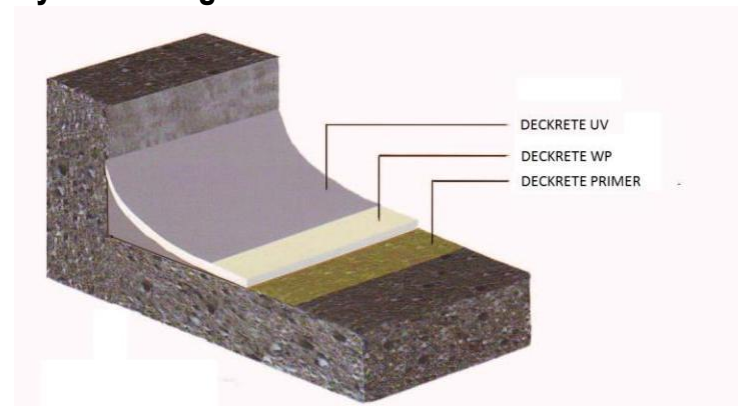
Appearance

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



Physical Properties	
Tensile Strength (ASTM D 648)	5 N/mm ²
Adhesive Strength (ASTM C 321)	>2.0 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 Primer	0.2 kg/m ²
Deckrete WP	1.2 kg/m ²
Quartz	2.0 kg/m ²
Deckrete UV	0.7 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.

Important note

Topkrete products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Topkrete endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Temperature Resistance

Deckrete ED is resistant to temperature cycles up to 90°C. Extended periods at these temperatures 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 specifies 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.

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