

DECKRETE SL

SELF SMOOTHING EPOXY FLOORING (2 mm)

Description

Deckrete SL is a self-leveling, medium to heavy duty epoxy flooring system to provide an easy to clean, dust free floor with excellent mechanical and chemical resistance.

Uses

Deckrete SL is widely used on industrial and commercial floors in laboratories, schools, plant rooms, factories, engineering workshops, hospital clean rooms and many more applications, where appearance and ease of cleaning are paramount.

Advantage

- Self-leveling
- Seamless
- Hard wearing
- Abrasion resistant
- Solvent free
- Easy to clean
- Fast Installation
- Chemical resistant

Standard Color

Available in standard colors, other colors can be matched upon request.

Appearance

Deckrete SL provides a smooth finish with a glossy surface.

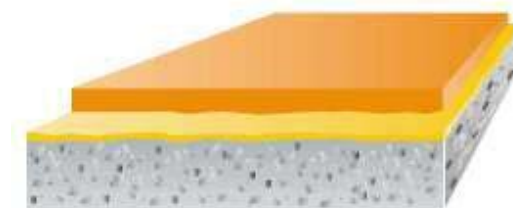
Design Life

6 – 8 years, subject to correct maintenance.



Physical Properties	
Compressive Strength (ASTM C 109)	60 N/mm ²
Flexural Strength (ASTM D 790)	40 N/mm ²
Tensile Strength (ASTM D 648)	25 N/mm ²
Adhesive Strength (ASTM C 321)	>3.5 N/mm ²
Shore D Hardness (ASTM D 2240)	80
Abrasion Resistant (ASTM D 1044) Taber CS-10	80 mg/1000 cycles/1kg

System Design



- Deckrete SL
- Deckrete EP
- Substrate

Specification Detail	Coverage
Deckrete EP	0.2 kg/m ²
Deckrete SL (2mm)	3.6 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 SL 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 SL may be carried out using a rotary scrubbing machine with a water miscible cleaning agent.

Temperature Resistance

Deckrete SL is resistant to temperature cycles up to 60°C. Extended periods at these temperature and above will make material susceptible to chemical attack and abrasion wear.

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.

Chemical Resistance

Please refer to the (Chemical Resistance Chart) for actual resistance to specific chemicals / reagents.

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.

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