

COVERCRETE

Technical Bulletin

SL SELF LEVELING

Description

Covercrete SL is a heavy duty liquid polyurethane based flooring system designed to provide excellent resistances to abrasion, chemical attack and other physical aggression.

Composition

Water dispersed polyurethane resin system combined with graded silica aggregates.

Appearance

SL gives a level smooth aggregate surface with chosen background colour providing cosmetics with easy cleaning.

Coverage

Approximately 35 sq. ft. per unit @ 3/16"

Durability

Highest order of durability, resistances to abrasion impact and chemical attack. Excellent performance under thermally induced stresses such as steam cleaning.

Thickness

Typical thickness of 3/16" - 1/4" (4mm-6mm).

Substrates

Concrete, polymer reinforced screeds, mild steel, properly supported wood floors, etc.

Surface Preparation

To be assured of maximum adhesion correct surface preparation is essential. **A SCRATCH COAT MUST BE APPLIED.** Refer to Covercrete preparation guide.

Application Conditions

5-30°C. Maximum moisture content of substrate 10%.

Mixing

Premixing of coloured liquid component is recommended to ensure any light settlement is reincorporated. Add the part one to a rotary drum mixer and then add part two. Mix two components for approximately one minute. Slowly add the aggregate, part three, till a lump free matrix is obtained.

Placing

To be trowel applied by licensed applicators using steel trowels.

Maintenance

Regular cleaning of applied surface is recommended in order to maintain slip resistance and aesthetics.

Cure Schedule

Usable pot life @ 20°C 15mins
Initial join up time @ 20°C/ 1/4" 20mins
Cure to foot traffic @ 20°C/ 1/4" 4 - 6 hrs.
Cure to full use @ 20°C/ 1/4" 12 -16hrs

Chemical Resistance Technical Data

Unmatched resistance to organic and inorganic acids, alkalis, fuels, oils, aromatic and aliphatic solvents. See resistance charts.



Colours Available

Standard colours of Red, Grey and Cream.
Custom Colours subject to minimum orders.

Technical Data

Flexural Strength	2 600 psi
Tensile Strength	1 050 psi
Compressive Strength	7 000 psi
Elastic Modulus	1.1 x 10 ⁵ psi
Density	130 lbs/sq.ft.
Softening point	260 °F

Health & Safety

See MSDS sheets

For more information:
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