

# COVERCRETE

## Technical Bulletin

# SLB / SLQ QUARTZ BROADCAST

### Description

Covercrete SLB / SLQ 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

SLQ gives a level textured aggregate surface with chosen background colour providing cosmetics with added slip resistance.

### 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. A broadcast of COVERQUARTZ is added to finish the surface.

### 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° / 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 Resistances 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.  
COVERQUARTZ available in all colours ready for blending.

### Technical Data

Flexural Strength	2 600 psi
Tensile Strength	1 050 psi
Compressive Strength	6 800 psi
Elastic Modulus	2.2 x 10 <sup>11</sup> psi
Density	125 lbs/sq.ft.
Softening point	260 °F

**For more information:**  
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