

Product Data Sheet:

Revision Date: 11/20/19

Technical Service
(888)780-3229 (Option 2)



Corro Crete SLB

Product Description

Corro Crete SLB is a solvent-free polyurethane hybrid flooring system at 1/8" or 3/16". It is a cost-effective textured finish flooring system, that possess excellent chemical resistance for areas requiring medium range commercial duty. Decorative quartz options or solid color finishes are available for color stability and cleanability.

Colors

- Cream, Red, Gray, Green, Blue Base.
- Solid color stable lock coat can be custom pigmented
- Decorative Quartz with clear lock-coat is available

Packaging

- 4 Component kit packaging
- Tote packaging available for larger projects
- Broadcast provided separately

Mix Ratio

(All Components are premeasured)

- Part A – 1 Gallon Jug
- Part B – 1 Gallon Jug
- Part C – 1 Bag of Filler
- Part D – Pigment Pack
- Broadcast Aggregate after placement

Coverage

(Theoretical)

- 64 Square Feet @ 1/8" Per Unit for at 3/16" Finished System
- * Broadcast aggregate at a minimum of 1 pound per square foot – (to excess)
- Lock-coat material generally at 80 Square feet / gallon. (Dependant on chosen lock-coat and finished texture)

Mixed Weight (Gray)

Full Kit - 61 pounds (30.39 kgs.)

- Part A – 10 Pounds (4.54 kgs.)
- Part B – 10 Pounds (4.54 kgs.)
- Part C – 40 Pounds (18.25 kgs.)
- Part D – 1 Pound (0.45 kgs.)

Common Uses

- Food and Beverage Plants
- Mechanical Rooms
- General Purpose Floors
- Commercial / Industrial kitchens
- Dairies and cheese production

Features and Benefits

Features	Benefits
Meets USDA, FDA and CFIA Standards	Ideal for Food and Beverage Industry needing to meet HACCP Standards
Cementitious Urethane Technology	Self-priming / 2 lift application for quick installation
Service temperatures ranging -40°F (-40°C.) to 250°F (121°C.)	Ideal for use in thermal cycling rooms and will maintain bond without cracking.
Aromatic Urethane	High chemical resistance with resilience
Moisture Tolerant	Tolerant to damp application conditions
Various Lock-coats available	Options to match appearance, color stability and / or chemical resistance

Priming

In most applications priming is not required for Corro Crete SLB however if the concrete substrate is highly porous, a scratch coat of Corro Urocrete MS can be used as a scratch coat to seal the surface, limiting the risk of defects in the finished Corro Crete SLB System.

Technical Assistance

If you have any questions regarding this product, please call (888)780-3229 (Option 2) for further information. Technical Service Line is "on-call" 24/7 to assist with jobsite applications.

The latest version of the datasheet can be obtained at our website:

www.corroshield.com.



Properties

Test	Results
ASTM C-579 – Compressive Strength	7,500 PSI
ASTM C-307 – Tensile Strength	1,700 PSI
ASTM C-580 – Flexural Strength	2,800 PSI
ASTM D-4541 – Adhesion	+400PSI 100% Concrete Failure
ASTM D-2047 – Coefficient of friction	Exceeds ADA recommendations

Set Times

Set Times (Slab Temperature)	50°F. (10°C.)	73°F. (23°C.)	90°F. (32°C.)
Pot Life	20 Minutes	10 - 12 Minutes	N/R
Application of the Lock-coat	~8 Hours		
Foot Traffic	+6 Hours (Lock-coat dependant)		
Wash Downs	+48 Hours (Lock-coat dependant)		
Full Chemical Resistance	5-7 Days (Lock-coat dependant)		

Application

Do not mix by hand

This material is installed by trained, experienced applicators with specialty equipment. Please call our Technical Service for additional questions or assistance.

Application Temperatures

Ideal application temperatures ranging from 60°F (15.55°C) to 80°F (26.67°C). For temperatures 50°F (10°C) to 90°F (32.22°C) are conditional, please call Technical Service.

Limitations

- Lock-coat must be applied within 24 hours
- Aromatic Urethane technology for chemical resistance and resilience however color stability may shift slightly over time if using a clear lock-coat with natural quartz
- Recommended to installed sample area to gain agreement of all parties on the final texture and appearance.

Clean Up

Corro Crete SLB, while still wet, can be cleaned up with low odor mineral spirits, but if allowed to set, then mechanical cleaning or the application of a very strong paint stripper will have to be used.

Safety

As with all coating technologies, good hygienic habits must be observed, and the wearing of protective clothing and gloves is advised. Before using any of the products, please read the container label warnings and their respective material safety data sheets.



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DISCLAIMER: This information is provided to assist with the installation of Corroshield Materials and is of a general nature to assist with a broad range of applications. The technical information and application advice provided is based on Corroshield's current knowledge and experience. Corroshield reserves the right to make changes should additional information become available. No assumption should be made as to either a product's or application technique's suitability for a particular installation. Call Corroshield Technical Service for consultation regarding any specific application. As installations involve many factors beyond our control, Corroshield disclaims all warranties of fitness for a particular use and shall not be responsible for consequential damages (direct or indirect) of any kind.

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