

CCU-301 SL Cementitious Urethane

Technical Data Sheet CCU-301 SL

FOR PROFESSIONAL USE ONLY

This product is intended for use by professional installers. For best project results read all the applicable product information including SDS, Technical Data Sheet and Product Specification Sheet before using this product.

Product Description

CCU-301 SL is a three component, seamless flooring system typically installed at 3/8" finished thickness. CCU-301 SL is resistant to MVT and withstands moderate thermal shock, impact, abrasion and chemical exposures. CCU-301 is also available in SF (Slurry Flow) and MF (Medium Flow). CCU-301 SL is formulated with a natural additive to be resistant to Fungi Growth per ASTM G-21.

Product Application

Food and Beverage Facilities, Commercial Kitchens, Restrooms/Locker Rooms, Laboratories, Supermarkets and Food Prep Areas.

Features/Benefits

Seamless, Hygienic Finish
High Temperature Resistance to 250°F Low to -30°F
Low Odor, Fast Installation, Fast Cure
Resistant to Moisture Vapor Transmission (MVT)
Impact & Abrasion Resistant Surface
Thermal Shock Resistant; Steam Cleanable
Anti-Slip Surface, Meets ADA Recommendations
Resistant to Fungi Growth per ASTM G-21

Packaging/Coverage

½ Gallon Part A
½ Gallon Part B
1 Bag Tint
1 Bag SL Filler
Kit Covers 32 SF @ 1/8" for a 3/16" Finished Floor.

Colors

Corvixx Polymers 10 Standard Colors. Special colors available upon request.

Surface Preparation

Apply only to properly prepared, clean, dry and sound concrete substrates that are free of all coatings, sealers, curing compounds, oils, greases or any other contaminants.

Mixing Directions

Pour Part A into a 5 gallon mixing pail. Add the tint and mix about 15 seconds. Add Part B and mix another 15 seconds. Gradually add Part C (Filler) until all particles are wetted out, which is approximately two minutes. Do NOT mix aggressively or introduce air.

Application Instructions

Immediately after mixing (within 2 – 3 minutes), pour the material onto the floor and spread to 1/8" for a 3/16" finished floor using a screed or trowel. Lay abutting edges within 10 minutes to ensure a clean edge and avoid lines and ridges in the finished floor. Backroll across slurry with spiked roller to help settle aggregates. Further roll with a loop/textured roller to even and settle slurry prior to broadcasting. Broadcast silica sand or decorative flake to rejection onto the wet slurry until no wet areas remain. Allow to cure 6 to 8 hours and remove excess silica sand/flakes. Apply topcoat to lock system and achieve desired slip resistance.

Cure Times at 77°F

Pot Life	15 Minutes
Foot Traffic	12 Hours
Forklift Traffic	24 Hours
Fully Cured	7 Days

Storage/Shelf Life

Materials should be stored at 50°F – 80°F and out of direct sunlight. Shelf life is six months in unopened containers.

Safety

Please read SDS before using this product.

Cleanup

Clean mixing and application tools immediately with warm soapy water.

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DID: 2016-CCU-301SL.3

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Test Data	Result	Test Method
Compressive Strength	8,400 psi	ASTM C-579
Tensile Strength	1,050 psi	ASTM C-307
Flexural Strength	2,700 psi	ASTM C-580
Impact Strength, in/lbs.	> 160 in-lb	ASTM D-4226
VOC	5 g/L	-
Bond Strength	100% Failure in Concrete	ASTM D-4541
Resistance to Fungi	Passes, Rating of 1	ASTM G-21

Limitations/Precautions

CCU-301 SL is not color stable unless a UV resistant topcoat is used.

CCU-301 SL should not be installed on wet concrete.

Floors should be sloped to drain to prevent standing water or chemicals.

MVT should be 12 pounds or less per 1,000 square feet over 24 hours.

New concrete should be 14 days old to reduce possible shrinkage and cracking in the concrete or a minimum of 3,500 psi compressive strength.

Warranty

Corvixx Polymers Corporation warrants our products to be free of manufacturing defects. Liability for products proven defective is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Corvixx Polymers Corporation. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CORVIXX POLYMERS CORPORATION, EXPRESSED OR IMPLIED.