

CCU-300 HF Cementitious Urethane

Technical Data Sheet CCU-300 HF

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-300 HF is a three component, urethane cement seamless flooring system. CCU-300 HF is a troweled system installed at 1/4" to 3/8" thick. CCU-300 HF is extremely tough and withstands thermal shock, impact, abrasion and chemical exposure. CCU-300 HF is formulated with a natural additive to be resistant to Fungi Growth per ASTM G-21.

Product Application

Food and Beverage Facilities, Chemical Process Plants, Pharmaceutical Facilities, Commercial Kitchens, Truck Unloading Areas, Freezers and Coolers, Pulp and Paper Mills, Wet Processing and Packaging Areas.

Features/Benefits

Seamless, Hygienic Finish
High Temperature Resistance to 250°F
Excellent Corrosion and Chemical Resistance
Low Odor, Fast Installation, Fast Cure
Resistant to Moisture Vapor Transmission (MVT)
Impact & Abrasion Resistant Surface Suitable for Heavy Traffic and Fork Lift Operation
Thermal Shock Resistant; Steam Cleanable
Anti-Slip Surface, Meets ADA Recommendations
Resistant to Fungi Growth per ASTM G-21

Packaging/Coverage

1/2 Gallon Part A
1/2 Gallon Part B
1 Bag Tint
1 Bag HF Filler
Kit Covers 23 SF @ 1/4"

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

With the mixer running, add Part A to the mixing pail. Add the pigment and mix for approximately 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.

Application Instructions

Immediately after mixing, pour the material onto the floor and spread to the desired thickness using a screed or trowel to the manufacturer's recommended coverage.

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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Test Data	Result	Test Method
Compressive Strength	7,800 psi	ASTM C-579
Tensile Strength	975 psi	ASTM C-307
Flexural Strength	1,900 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-300 HF is not color stable, expect color change over time.

CCU-300 HF should not be installed on wet concrete.

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

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.

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