

Technical Data Product Information

CS 5000 CornerCrete® PF Antimicrobial %LREDVHTopcoat
Description

CS 5000 CornerCrete® PF Antimicrobial Topcoat is a SURSULWDM component, chemical resistant 100% solids, low VOC, ELREDVUurethane topcoat designed as a final protective coating FOXLQ for RUBWRQ flooring systems.

Colors

Available from Standard CornerCrete Color Chart.

ADVANTAGES	APPLICATIONS
x Fast Curing	x Food Processing Facilities
x Low Temperature Cure	x Pharmaceutical Facilities
x 100% Solids	x Bio-Tech Facilities
x Meets USDA Standards	x Warehouses
	x Parking Garages

CS 5000 CornerCrete® PF Antimicrobial Topcoat

Limitations

- Where floor temperatures are below 60°F or above 85°F during application contact CornerStone's Technical Department.
- For on-grade installations that do not have a vapor barrier under the slab or in areas where high water table or hydrostatic pressure conditions are present.
- On a structurally unsound or impossible to clean substrate.

Installation Procedures

SUBSTRATE PREPARATION

Prepare substrate by shot blasting (lightly) or other mechanical means until a slight texture is evident. Remove all excess dust, curing agents and contaminants. Surface must be free of oils, water and chemicals.

Note: For a stand alone coating, the concrete must be prepared as described above. Primer coat is applied as described in Step 1. CS 5000 CornerCrete® Topcoat can be directly applied over CornerStone flooring systems.

CS 5000 TOPCOAT APPLICATION

1. Pre-drill Part "A" for 60 seconds.
2. Mix material by pouring entire contents of 2 Parts "A" into 1 Part "B". Mix for 60 seconds.
2. Avoid excessive agitation to reduce air bubbles.
3. Using a 1/4" nap roller, apply at desired thickness per gallon. Immediately back roll.
4. Use urethane from applicator pan, do not pour on floor. Do not over work product, bubbles can be created by over working. Immediately back roll.
5. Allow first coat to dry 8 hours before applying second coat at 60°F.

Chemical Resistance

Refer to the Chemical Resistance Guide for specific chemical resistance information or contact CornerStone's Technical Department.

Cure Schedule

At an ambient temperature above 60°F, CS 5000 Topcoat can support foot traffic after 12 hours, full usage after 24 hours.

Maintenance

Regular cleaning and maintenance will prolong the life of all polymer flooring systems and enhance their appearance.

Safety

Avoid personal exposure. Refer to SDS for additional safety information.

Test Data

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Adhesion	300 psi (concrete failure)	ASTM D-321
Abrasion Resistance	Loss 0.03 gm	ASTM D-4060
Tensile Strength	7,000 psi	ASTM D-638
Hardness	72	ASTM D-2240 Shore D
Anti Microbial Resistance	Passes	ASTM E2180



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