

Technical Data Product Information

CS 2300CR
Chemical Resistant Polyurethane Coating

Description

CS 2300CR is a two component polyurethane coating that offers abrasion, chemical and weather resistant properties. CS 2300 CR offers good color stability and can be used for exterior and interior applications.

Colors

Color should be selected from the standard CornerStone Color Chart available online at www.cornerstoneflooring.com. Custom colors available at an additional charge.

Limitations

- Where floor temperatures are below 50°F or above 80°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.
- Areas subject to strong chemicals.
- On a structurally unsound substrate or impossible to clean substrates.

ADVANTAGES	APPLICATIONS
• Cleanability	• Manufacturing Facilities
• Impact & Abrasion Resistant	• Animal Facilities & Vivariums
• Enhanced UV Stability	• Laboratories
• Chemical Resistant	• Aircraft Hangars
• Protection from Tire Marks and Stains	• Warehouses

Installation Procedures

CS 2300CR APPLICATION

1. Apply topcoat over specified CornerStone flooring system. A primer is required if applied as a stand alone coating.
2. Apply at 250-350 s.f. per gallon with 1/4" short nap roller and back roll immediately.
3. Allow first coat to dry 12 hours before applying second coat.

APPLICATION	COMPONENTS	MIX RATIO
Primer	As Specified	Per Label
Topcoat	2300A/2350B	Per Label

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 70°F, CS 2300CR can support foot traffic within 12 hours, full usage after 24 hours.

Maintenance

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

Safety

Avoid personal exposure. Avoid ignition sources and open flames during application. CS 2300CR is a flammable liquid. Proper exhaust ventilation must be maintained. Refer to MSDS for additional safety information.

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Test Data

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Adhesive Strength	300 psi (concrete failure)	ASTM D-903
Hardness	72	ASTM D-2240 Shore D
Impact Resistance	Forward: 160 in/lb (passed)	
Fire Resistance of Dry Film	Self-extinguishing	
Abrasion Resistance	20 mg loss; CS-17 Wheel, 1,000 cycles	ASTM D-4060
Heat Resistance	250°F	
Salt Spray	No effect after 1000 hours	ASTM B-117
Accelerated Weathering	No effect after 2000 hours	ASTM D-822