

Technical Data Product Information

CS 2880R
High Build Fiberglass Reinforced Wall Surfacing System

Description

CS 2880R is a multi-layer, high build wall and ceiling surfacing system utilizing epoxy base and finish coats with an integral fiberglass reinforcement added for dimensional stability and increased durability. This system is available with two or more finish coats providing unique crack bridging and impact resistance. It provides an easy to clean, impact resistant wall finish. Suitable substrates are concrete, block, and drywall.

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 wall temperatures are below 65° F or above 80°F during application. For lower temperatures contact CornerStone's Technical Department.
- Areas subject to strong chemicals.
- On a structurally unsound substrate or impossible to clean substrates.
- Avoid exposure to sunlight, epoxies chalk. CornerStone urethane topcoat is recommended for prolonged exposure to sunlight or high intensity UV light sources.

ADVANTAGES	APPLICATIONS
• Jointless Glass Reinforcement Provides Optimum Seamless Finish	• Pharmaceutical
• Offers Maximum Impact Resistance	• Clean Room Environments
• Provides Smooth, Durable and Highly Cleanable Surface	• Food Plants
• Available with Increased Chemical Resistance and U.V. Resistant Topcoat (see CS 2300CR data sheet)	• Beverage and Spirit Plants

Installation Procedures

CS 2880R APPLICATION

1. Apply CS 5300EX Epoxy Concrete Primer which contains Thixotropic agent over primer.
2. Cloth mesh for reinforcement
3. CS 2880 High Performance Epoxy Coating (2-3 coats).
4. Optional CS 2300CR Urethane (product has styrene odor, see MSDS).

APPLICATION	COMPONENTS	MIX RATIO
Primer	As specified	Per Label
Topcoat	2880A/2880B	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 2880R full usage after 24 hours.

Maintenance

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

Safety

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

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Test Data

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Adhesion	330 psi (100%concrete failure)	ACI 503 R
Impact Resistance	Direct inches-lbs., 160 passes Reverse inches –lbs., 140 passes	MIL D-3134J
Flammability	Self extinguishing over concrete substrate	ASTM D-635
Tensile Strength	9,100 psi	ASTM D-638
Hardness, Shore D	82-86	ASTM D-2240
Resistance to Elevated Temperature	No slip/flow at required temperature of 138 °F	MIL D-3134J