

Technical Data Product Information

CS 2880
100% Solids “Glaze” Epoxy Coating
Description

CS 2880 is a pigmented, 100% solids, glaze-like gloss epoxy coating that can be applied to walls, ceilings, floors and other surfaces. CS 2880 produces a coating that offers light stability along with light reflectivity.

Orange Peel Finish: When fully cured, CS 2880 will produce an excellent chemical, stain-abrasion resistance

Skid Resistant (floors only): For maximum impact and wear resistance, selected aggregate may be broadcast into the uncured coating. Upon curing, this aggregate is bonded into the topcoat. A finish coat is applied to seal fill voids. This produces a textured skid resistant surface, which aids in chemical resistance and ease of cleaning.

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° during application For lower temperatures 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.
- Avoid exposure to sunlight, epoxies chalk. CornerStone urethane topcoat is recommended for prolonged exposure to sunlight or high intensity UV light sources.

ADVANTAGES	APPLICATIONS
• Offers High Light Reflectivity	• Aircraft Hangers
• Excellent Dust Eliminator	• Pharmaceutical
• High Wear and Abrasion Resistance	• Animal Research
• Resistant to Acids and Alkalis	• Bio-Tech
• 100% Solids	• Warehouses

Installation Procedures

CS 2600SF APPLICATION

1. Apply topcoat over specified CornerStone flooring system. A primer is required if applied as a stand alone coating.
2. Allow primer coat to dry 12 hours before applying CS 2880.
3. Apply CS 2880 with a squeegee. Immediately back roll with 1/4” nap roller. Apply material at 80-150 s.f. per gallon.
4. Apply selected finish coat if desired.

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 2880 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 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	300 psi (concrete failure)	ASTM C-882
Water Absorption	Nil	MIL D-3134
Oil Absorption	Nil	MIL D-3134
Fire Resistance	Fire Retardant	MIL D-3134
Abrasion Resistance	Loss 0.070 Gm Loss	ASTM D-4060
Shore D	86	ASTM D-2240
Skid Resistance	0.6-1.29	MIL D-3134
Impact Resistance	0.009	MIL D-3134
Service Temperature	180°F	