

Technical Data Product Information

CS 2160
Clear Epoxy Coating
Description

CS 2160 is a clear two-component liquid composed of 100% thermo-setting epoxy resins. CS 2160 cures into a very hard solid while retaining a sufficient amount of resilience to withstand impact and vibrations without becoming brittle. CS 2160 is the most advanced formulation of its kind.

Colors

Available in clear.

Limitations

- Where floor temperatures are below 65°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.
- Areas exposed to extreme UV light.

| ADVANTAGES | APPLICATIONS |
|---------------------------------------|---------------------------------------|
| • Excellent Clarity & Versatile Usage | • Food Processing Facilities |
| • Chemical Resistant | • Pharmaceutical & Biotech Facilities |
| • Low Odor | • Animal Facilities & Vivariums |
| • Skid Resistance with Aggregate | • Aircraft Hangers & Warehouses |

Installation Procedures

CS 2160 APPLICATION

1. Apply topcoat over specified CornerStone flooring system.
2. Mixing of CS 2160 is best accomplished with a jiffy blade and electric drill.
3. Apply one coat of CS 2160 with a squeegee at rate of approximately 150 s.f. per gallon. Use the first coat as a primer. Immediately back roll with 1/4" nap roller.

| APPLICATION | COMPONENTS | MIX RATIO |
|-------------|-------------|-----------|
| Topcoat | 2160A/2160B | 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 2160 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. 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 C-882 |
| Impact Resistance | 0.009 no chipping or delamination | MIL D-3134 |
| Fire Resistance | Fire Retardant | MIL D-3134 |
| Abrasion Resistance | 70 mg loss; CS-17 Wheel, 1,000 cycles | ASTM D-4060 |
| Slip Resistance | 0.6-1.29 | MIL D-3134 |
| Water Absorption | nil | MIL D-3134 |
| Oil Absorption | nil | MIL D-3134 |
| Service Temperature | 180 °F | |
| Hardness | 86 | ASTM D-2240 Shore D |