

Technical Data Product Information

CS GARD Waterproof Membrane

Description

CS GARD is a single component (plus accelerator) moisture-cured, aromatic, polyurethane coating to be utilized as a waterproofing membrane for CornerStone flooring systems.

Colors

Available in gray.

Limitations

- Where floor temperatures are below 50°F* or above 80°F during application contact CornerStone's Technical Department. *With addition of accelerator kit.
- 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.
- Do not use a finished coating.

ADVANTAGES	APPLICATIONS
• General Purpose	• Mechanical Rooms
• Polyurethane Composition	• Clean Rooms
• > 450 % Elongation	• Animal Facilities & Vivariums
• Seamless Waterproofing	• Laboratories
• Environmentally Compliant	• Locker Rooms & Restrooms
• Stress Absorber	• Pharmaceutical & Biotech Facilities

Installation Procedures

CS GARD APPLICATION

1. Apply polymer primer at a rate of 200-250 s.f. per gallon
2. Stir material with Jiffy mixer and electric drill operated at low speed until well blended.
3. Apply material at 80-120 s.f. per gallon.
4. Apply topcoat as specified.

APPLICATION	COMPONENTS	MIX RATIO
Primer	As Specified	Per Label
Membrane	CS Gard	Per Label
Topcoat	As Specified	Per Label

Cure Schedule

At an ambient temperature above 70°F, CS GARD 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.

CS GARD
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Test Data

PROPERTIES	TYPICAL RESULTS	TEST METHOD
Tensile Strength	2,500 psi	ASTM D-412
Adhesive Strength	300 psi	ASTM D-4541
Elongation	450 %	ASTM D-412
Hardness	75-80	ASTM D-2240 Shore A
Permanent Set	<30%	ASTM D-412
Tear Resistance	200 lb/in	ASTM D-1004
Taber Abrasion	25 mg loss; CS-17 Wheel, 1,000 cycles	ASTM D-4060
Water Resistance	<3%	ASTM D-471