



The accompanying guide specifications have been prepared by Green Cork Holdings, LLC, to assist design professionals, building owners, and others in preparing a specification section covering the installation of Green Cork Spray elastomeric coating for exterior walls.

Please contact Green Cork Holdings, LLC, at 602.725.1424 or jim@greencorkproducts.com for additional information or design assistance.

Section 09 96 53 - Elastomeric Coatings

Green Cork Spray has applications in various new construction applications, as well as retrofitting and rehabilitation projects. Green Cork Spray is ideal for use on single-family, multi-family, commercial, and industrial structures. Green Cork Spray can be applied to virtually any wall substrate.

Green Cork Spray- CERus-1015:

- Made in America
- Certified by California-based laboratory - QAI
- Class A fire-rated
- Available in Custom Colors
- Cork-based and sustainable
- Certified in the United States and Canada – (CERus-1015)
- Warrantied for 10-years
- Thermal benefits

History:

Green Cork Spray was developed to assist builders, owners, and developers in using a more sustainable, durable, and thermal protective product for exterior coatings and other applications that can benefit from the natural attributes of cork and Green Cork Spray:

- Thermal barrier
- ASTM E84 Class-A fire rating,
- Water-resistant, insect resistant,
- UV resistant,
- Sound absorption,
- Lightweight, flexible,
- Water-based, non-toxic, and
- Adheres to most surfaces (not vinyl).

General:

Green Cork Spray is an elastomeric coating approved for exterior and interior applications in areas governed by the 2021 / 2018 / 2015 IBC and 2021 / 2018 / 2015 IRC. Green Cork Spray is a one-part cork aggregate-based elastomeric coating intended for two pass applications to achieve a minimum 60 mils (1.5 mm) wet film thickness with each pass. The coating product is available in a variety of customer-ordered color variations. Green Cork Spray is resistant to fungi when evaluated in accordance with ASTM G21. Where used in interior applications, Green Cork Spray has a Class A interior finish rating, with a flame spread index of ≤ 25 and a smoke-developed index of ≤ 450 when evaluated in accordance with ASTM E84. Green Cork Spray is approved for use in fire-resistance-rated wall applications. Green Cork Spray is not intended for below-grade applications.

Design:

Green Cork Spray is a nonstructural interior or exterior finish coating product that does not require design.

Installation and Application:

Installation of Green Cork Spray must comply with the manufacturer's published installation instructions and applicable code(s). Green Cork Spray is to be applied over clean, dry, and dirt-free substrates to promote bonding. Application of Green Cork Spray is recommended at temperatures above 40⁰F (4⁰C). Green Cork Spray is approved for installation over code-compliant cementitious substrates such as plastering/stucco systems concrete or concrete masonry units.

Application is made in two passes, each pass applied uniformly at a recommended nominal wet film thickness target of 60 mils (1.5 mm). The first pass provides the coverage coating, while the second provides the texture coating. The second pass is to be applied after the first pass has wholly dried, typically between 12 and 24 hours, depending on ambient temperature and humidity conditions. Green Cork Spray coating is applied uniformly using approved application instructions.

Fire-Resistance Rated Construction:

Green Cork Spray can be added to fire-resistance-rated walls rated from the interior direction facing fire without detracting from the original fire-resistance rating. Green Cork Spray is not approved for use on fire-resistance-rated walls where resistance is required from the exterior surface facing the fire.

Types I-IV Construction:

APPROVED TYPES OF CONSTRUCTION: APPROVED USE: APPROVED INSTALLATIONS:

IAB, IIAB, IIIB, IVAB, VAB¹

Exterior and Interior Finish.

- Exterior and Interior Walls, not including fire-resistance-rated

construction.

- Use as combustible exterior component on exterior walls.

Note 1: Green Cork Spray is approved for use in fire-resistance-rated applications where the fire separation distance is > 10 ft (3048 mm) as product is approved for orientations of fire facing the inside.

Green Cork Spray is a combustible material approved for use on the exterior side of exterior walls where the following limitations are met:

1. Incident Radiant Heat Energy per NFPA 268 based on fire separation distance is not required.
2. Height above grade is a maximum of 40 ft (12.2 m).

New Construction:

When applying Green Cork Spray to new vertical wall construction, when stucco is used as a substrate, the application of stucco should be modified to the following stucco implementation procedure. The stucco application should be modified to a “one-coat” application process. The “one-coat” should be applied and worked to a smooth, sanded, paint-ready coat before applying Green Cork Spray.

Limitations:

- Installation of Green Cork Spray products is to comply with the applicable codes and the manufacturer's installation instructions.
- Green Cork Spray is intended for installation over code-complying cementitious substrates such as plastering/stucco systems and concrete and concrete masonry units.
- Green Cork Spray is approved for use as an exterior coating on fire-resistance-rated walls, where the underlying wall is rated from the interior facing fire. Green Cork Spray is not approved for use in fire-resistance-rated assemblies where an exterior-facing fire-resistance rating is required.
- Green Cork Spray is approved for use as combustible material for use in non-combustible (Types I- IV construction).
- Green Cork Spray products are manufactured in Phoenix, AZ, with inspections by QAI Laboratories.