



CODE EVALUATION REPORT

CERUs-1087

PUBLISHED: June 2023
REVISED: September 2026
EXPIRATION: September 2028

PRODUCT: Titan Cork Spray

REPORT HOLDER: Titan Stucco Corporation

CONTACT DETAILS: 2602 N Lone Cactus Drive, Suite I
Phoenix, Arizona
85027 USA

CSI DIVISION: 09 00 00 – Finishes

CSI SECTION: 09 96 53 – Elastomeric Coatings

APPLICABLE CODES: 2021, 2018, 2015 International Building Code (IBC)
2021, 2018, 2015 International Residential Code (IRC)

EVALUATED: Physical Properties
Surface-Burning Characteristics



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CODE EVALUATION REPORT

Titan Cork Spray
CERus-1087
Revision: September 2026
Expiration: September 2028
Page 2 of 5

1.0 APPROVED FOR FOLLOWING:

APPROVED TYPES OF CONSTRUCTION:	IB, IIB, IIIB, IVB, VB
APPROVED USE:	Exterior and Interior Finish.
APPROVED INSTALLATIONS:	• Exterior and Interior Walls, not including fire-resistance rated construction. • Use as combustible exterior component on exterior walls.

Note 1: Titan 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.

2.0 DESCRIPTION:

2.1 General:

Titan 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. Titan Cork Spray is a one-part cork aggregate based elastomeric coating intended for two pass applications to achieve 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. Titan Cork Spray is resistant to fungi when evaluated in accordance with ASTM G21. Where used in interior applications, Titan Cork Spray has a Class A interior finish rating, with a flame spread index of ≤ 25 and smoke developed index of ≤ 450 when evaluated in accordance with ASTM E84. When used in exterior applications in Types I-IV construction, installation is to be in accordance with Section 4.4 of this report. Titan Cork Spray is approved for use in fire-resistance rated wall applications when installed in accordance with Section 4.3 of this report with the limitations noted.

Titan Cork Spray is not intended for below-grade applications.

3.0 DESIGN:

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

4.0 INSTALLATIONS:

4.1 General:

Installation of Titan Cork Spray must comply with the manufacturer's published installation instructions, this report, and the applicable code(s). Where differences are found, this report and the applicable building code shall be followed.

Titan Cork Spray is to be applied over clean, dry and dirt free substrates to promote bonding. Application of Titan Cork Spray is recommended at temperatures above 40°F (4°C).

4.1.1 Special Inspection:

Titan Cork Spray does not require Special Inspection.



CODE EVALUATION REPORT

Titan Cork Spray
CERus-1087
Revision: September 2026
Expiration: September 2028
Page 3 of 5

4.2 Applications:

Titan Cork Spray is approved for installation over code compliant cementitious substrates such as plastering/stucco system, 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, with the second pass providing the texture coating. The second pass is to be applied after the first pass has completely dried, which is typically between 12-24 hours depending on ambient temperature and humidity conditions.

Titan Cork Spray coating is applied uniformly using approved application instructions.

4.3 Fire-Resistance Rated Construction

Titan 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.

Titan Cork Spray is not approved for use on fire-resistance rated walls where resistance is required from the exterior surface facing fire.

4.4 Types I-IV Construction

Titan 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 maximum of 40 ft (12.2 m).

5.0 LIMITATIONS

- Installation of Titan Cork Spray products are to comply with the applicable codes, this report and the manufacturer's installation instructions. Where conflicts are found, this report and the applicable code take precedence.
- Titan Cork Spray is intended for installation over code complying cementitious substrates such as plastering/stucco system, concrete and concrete masonry units.
- Titan 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. Titan Cork Spray is not approved for use in fire-resistance rated assemblies where an exterior facing fire-resistance rating is required.
- Titan Cork Spray is approved for use as combustible material for use in non-combustible (Types I-IV construction) where used on the exterior side of exterior walls when installed in accordance with Section 4.4 of this report.
- Titan Cork Spray products are manufactured in Phoenix, AZ with inspections by QAI Laboratories.

6.0 SUPPORTING INFORMATION:

The following data has been submitted and evaluated for Titan Cork Spray coating products:

- Data outlining compliance for surface burning characteristics evaluated to ASTM E84.
- Durability and adhesion assessments after environmental exposures.



CODE EVALUATION REPORT

Titan Cork Spray
CERus-1087
Revision: September 2026
Expiration: September 2028
Page 4 of 5

7.0 MARKING:

Titan Cork Spray products complying with this report, include the following information:

NATURE'S PERFECT COATING
for Residential, Commercial & New Construction Application

- ◆ Thermal Benefits
- ◆ ASTM E84 Class-A Fire Rating
- ◆ Water Resistant
- ◆ UV Resistant
- ◆ Sound Absorption

- ◆ Insect Resistant
- ◆ Mold & Fungi Resistant
- ◆ Lightweight
- ◆ Flexible – Elastomeric Coating
- ◆ Sustainable

- ◆ Adheres to Most Surfaces
(not recommended for vinyl)
- ◆ Water-Based
NON-TOXIC – No Solvents
- ◆ Environmentally Friendly

SURFACE PREPARATION:
Substrate must be dry, free of dirt, dust and any other materials which could inhibit a strong bond. Power washing prior to application is highly recommended.

APPLICATION LIMITATIONS:
Use only when surface and ambient temperatures are above 40°F (4°C) during application and drying period. Not recommended for below-grade or water-immersed surfaces.

PRIMING:
Applying a primer onto the job surface prior to applying cork spray is strongly recommended. Matching primer color to cork spray color is recommended for best results.

MIXING:
Mix cork spray with a clean, rust-free drill and paddle. If necessary, small amounts of water can be added to aid product workability. Add water slowly until proper consistency is achieved.

APPLICATION:
Titan Stucco Cork Spray is applied using a TWO-COAT process. The first coat is a coverage coat and the second is a texture coat. Allow the first layer to fully dry before spraying the second coat. Drying time varies with temperature, humidity and surface conditions — typically 12–24 hours.

COVERAGE:
Coverage will depend on substrate type, texture and application technique.

CLEAN-UP:
Clean equipment immediately with soap and water after use.

STORAGE:
Protect from freezing, extreme heat and direct sunlight. Shelf life is 1 year if properly stored and sealed.

HEALTH & SAFETY:
WARNING: Keep container closed when not in use. Keep out of reach of children. For use only by qualified technician. Safety goggles and gloves are recommended during application. If contact with skin, wash immediately with soap and water; if eye contact occurs, flush with water and consult a physician. Consult the manufacturer's Safety Data Sheet for further information.

WARRANTY:
Titan Stucco Cork Spray is guaranteed to give satisfactory performance if applied and used in accordance with label and data sheet instructions. Liability is limited to refund of purchase price or replacement of product. Warranty does not include labor or cost of labor for application. No other warranties are expressed or implied. Additional warranty information available at titanstuccoaz.com.

TITAN STUCCO
Peoria, AZ • titanstuccoaz.com
(623) 267-4187
Manufactured by Green Cork Products, LLC, Phoenix, AZ USA,
exclusively for Titan Stucco

Batch #: _____
Best if used by: _____
38.5 lb net wt.

Figure 1. Titan Cork Spray Finished Product Label Including CER_{US}-1087 and QAI Certification Mark.

11.0 ELIGIBILITY OF REPORT

QAI's Code Evaluation Report complies with the 2021 / 2018 / 2015 IBC Section 104.11 *Alternative materials, design and methods of construction and equipment* subsection 104.11.1 *Research Reports*. QAI's Code Evaluation Report complies with the 2024 IBC Section 104.2.3.6.1 *Evaluation Reports*. Supporting data has been evaluated by QAI for compliance of the noted materials and assemblies to the applicable code by QAI, and *approved* source as detailed below.

The attached report has been reviewed by a QAI Registered Professional Engineer approved by the specific state Board of Professional Engineers noted on the specific P.E. seal(s).

Per section 1703 of the IBC, QAI is an independent third-party testing, inspection and certification agency accredited by the International Accreditation Service, Inc. (IAS) for this specific scope (see IAS PCA-118). QAI can confirm that based on its IAS accreditation it meets IBC Section 1703.1 on Independence, Section 1703.1.2 on Equipment and Section 1703.1 on Personnel.

This Evaluation report has been designed to meet the performance requirements of IBC Section 1703.4 and contains the required information to show the product, material or assembly meets the applicable code requirements.

The product is labeled per section IBC 1703 and subject to follow-up inspection per IBC 1703.6 using QAI IAS accredited ISO/IEC 17020 inspection program (see IAS AA-723).

For more information regarding QAI Laboratories, please visit www.qai.org.



The above is an example of the QAI registered Listing mark. The Listing mark may only be used by the Report Holder per the QAI service agreement on products defined in this report. The 'us' indicator in the 8 o'clock position indicates the product complies with the properties evaluated with limitations outlined in this report for use in the US market.

11.0 REFERENCED STANDARDS

ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials*.
ASTM G21 *Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi*.
NFPA 268 *Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source*.