

ICC-ES Evaluation Report

ESR-1364

Reissued October 2025

This report also contains:

- CA Supplement

Subject to renewal October 2026

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DIVISION: 04 00 00 — MASONRY

Section: 04 71 00 — Manufactured Brick Masonry

Section: 04 73 00 — Manufactured Stone

Masonry

REPORT HOLDER:

WESTLAKE ROYAL STONE LLC dba WESTLAKE ROYAL STONE SOLUTIONS **EVALUATION SUBJECT:**

CULTURED STONE®, CULTURED BRICK® AND PROSTONE®



1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2024, 2021, 2018 and 2015 International Building Code® (IBC)
- 2024, 2021, 2018 and 2015 International Residential Code® (IRC)

Properties evaluated:

- Interior finish and trim classification
- Veneer strength and durability

1.2 Evaluation to the following green code(s) and/or standards:

- 2025 and 2022 California Green Building Standards Code (CALGreen), Title 24, Part 11
- 2020, 2015, 2012 and 2008 ICC 700 <u>National Green Building Standard™</u> (ICC 700-2020, ICC 700-2015, ICC 700-2012 and ICC 700-2008)

Attributes verified:

See Section 3.0

2.0 USES

Cultured Stone[®], Cultured Brick[®] and ProStone[®] are used as adhered, non-load-bearing exterior veneer or as an interior finish and trim on wood-framed or light gage steel stud walls, concrete walls or masonry walls.

3.0 DESCRIPTION

Cultured Stone®, Cultured Brick® and ProStone® are precast concrete products made to resemble natural stone or brick in color and texture. The concrete is comprised of cement, aggregate, water, admixtures, and mineral oxide colors. The veneer units are molded and cured at the manufacturing facility. See Table 1 for evaluated styles.

The stone veneer has a Class A finish rating in accordance with IBC Section 803.1.2 (2015 IBC Section 803.1.1) and complies with the flame-spread and smoke-development requirements of IRC Section R302.9.

The attributes of the stone veneer have been verified as conforming to the requirements of (i) CALGreen Section A4.405.1.3 for prefinished building materials and Section A5.406.1.2 for reduced maintenance; (ii) ICC

700-2020, ICC 700-2015 and ICC 700-2012 Sections 602.1.6 and 11.602.1.6 for termite-resistant materials; (iii) ICC 700-2020 Sections 601.7 and 11.601.7 and ICC 700-2015 and ICC 700-2012 Sections 601.7, 11.601.7, and 12.1(A).601.7 for site-applied finishing materials; and (iv) ICC 700-2008 Section 602.8 for termite-resistant materials and Section 601.7 for site-applied finishing materials. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

4.0 INSTALLATION

4.1 Design:

The veneer units described in this report comply with ASTM C1670 which is referenced in TMS 402-22 (for the 2024 IBC); 2021 and 2018 IBC Section 2103.1; and 2024, 2021 and 2018 IRC Section R606.2.6. The veneer units also comply with the unit dimensional limitations for prescriptively designed adhered veneer in Section 13.3.2.2 of TMS 402-22.

The saturated weight of the veneer units does not exceed 15 pounds per square foot (73.2 kg/m²). The weight of the mortar setting bed and scratch coat are outside the scope of this report.

Under the 2024 IBC and IRC, the detailing of the veneer must address the effects of differential movement, as required by Section 13.1 of TMS 402-22. Deflection of horizontal members supporting the veneer must be limited in accordance with Section 13.1.2.3 of TMS 402-22. Expected out-of-plane deflection of the supporting wall must comply with Section 13.3.1.2 of TMS 402-22.

For installation in accordance with the 2021, 2018 and 2015 IBC, supporting wall construction must be designed to support the weight of the veneer system. Horizontal framing members, such as lintels and headers, which support the veneer, must be designed to limit deflection to $\frac{1}{600}$ of the span.

Expansion or control joints used to limit the effect of differential movement of veneer supports must be specified by the architect, designer or veneer manufacturer, in that order. Consideration must be given to movement caused by temperature changes, shrinkage, creep and deflection.

In jurisdictions adopting the IRC, where the seismic provisions of Section R301.2.2 apply, the average weight of the wall supporting the veneer, including the weight of the veneer system, must be determined. When this weight exceeds the applicable limits of IRC Section R301.2.2.2, an engineered design of the wall construction must be performed in accordance with IRC Section R301.1.3.

4.2 Installation:

Installation of the stone veneer must comply with this report, the manufacturer's published installation instructions, and the applicable code. The manufacturer's published installation instructions must be available at the jobsite at all times during installation. Installation must be in accordance with IBC Section 1404.11 (2021 and 2018 IBC Section 1404.10; 2015 IBC Section 1405.10) or IRC Section R703.12, as applicable.

4.3 Special Inspection:

Under the 2024 IBC, special inspection requirements for installation of adhered masonry veneer are addressed in Table 4 of TMS 602-22, referenced in 2024 IBC Section 1705.4.

5.0 CONDITIONS OF USE:

The Cultured Stone®, Cultured Brick® and ProStone® veneers described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- **5.1** Cultured Stone[®], Cultured Brick[®] and ProStone[®] must be manufactured and identified as described in this report.
- **5.2** Cultured Stone®, Cultured Brick® and ProStone® are manufactured under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- **6.1** Data in accordance with the ICC-ES Acceptance Criteria for Adhered Manufactured Stone Masonry Veneer (AC51), dated June 2018 (editorially revised February 2024).
- **6.2** Data addressing surface burning characteristics.

7.0 IDENTIFICATION

- **7.1** The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-1364) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.
- **7.2** In addition, the Cultured Stone® described in this report is identified by the initials "C.S.V." cast into the side of each piece of stone and packages of veneer bear the brand name (Cultured Stone®, Cultured Brick® or ProStone®) and the style name.
- **7.3** The report holder's contact information is the following:

WESTLAKE ROYAL STONE LLC dba WESTLAKE ROYAL STONE SOLUTIONS 2801 POST OAK BLVD. SUITE 600 HOUSTON, TEXAS 77056 (855)769-2585 www.royalbuildingproducts.com/boral

TABLE 1—EVALUATED STYLES

PRODUCT NAME	STYLES
Cultured Stone®	Ancient Villa Ledgestone, Cast-Fit 12x24, Cast-Fit 8 x16, Cobblefield, Coral Stone, Country Ledgestone, Del Mare Ledgestone, Dressed Fieldstone, Drystack Ledgestone, European Castle Stone, Hewn Stone 308, Hewn Stone 314, Hewn Stone 514, Hewn Stone 522, Hewn Stone 822, Limestone, Old Country Fieldstone, Pro-Fit Alpine Ledgestone, Pro-Fit Ledgestone, Pro-Fit Modera Ledgestone, Pro-Fit Terrain Ledgestone, River Rock, Rockface, Southern Ledgestone, Split Face, Stream Stone
Cultured Brick®	Handmade Brick, Used Brick
ProStone ®	Aged Ledgestone, Carolina Collection Ledgestone, Easy Fit Savannah Ledgestone, Field Rubble, Fieldstone, Ledgestone, River Rock, Rough Ledge, Tuscan Cobble



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Section: 04 71 00—Manufactured Brick Masonry Section: 04 73 00—Manufactured Stone Masonry

REPORT HOLDER:

WESTLAKE ROYAL STONE LLC dba WESTLAKE ROYAL STONE SOLUTIONS

EVALUATION SUBJECT:

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1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the Cultured Stone®, Cultured Brick® and ProStone® products, described in ICC-ES evaluation report <u>ESR-1364</u>, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

■ 2022 California Building Code® (CBC)

For evaluation of applicable Chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2022 California Residential Code® (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Cultured Stone®, Cultured Brick® and ProStone® products described in Sections 2.0 through 7.0 of the evaluation report ESR-1364, comply with CBC Sections 803.1.1, 1404.10.1, 2101.2.1 and 2103.1, provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapter 14, as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Cultured Stone®, Cultured Brick® and ProStone® products described in Sections 2.0 through 7.0 of the evaluation report ESR-1364, comply with the flame spread and smoke developed requirements of CRC Section R302.9 and with CRC Sections R301, R606.2.6 and R703.12, provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued October 2025.

