

# ICC-ES Evaluation Report

**ESR-2826**

Reissued October 2023


This report also contains:

- CBC Supplement

Subject to renewal October 2024

ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

Copyright © 2023 ICC Evaluation Service, LLC. All rights reserved.

|   |   |  |   |
|---|---|--|---|
| <p><b>DIVISION: 04 00 00—<br/>MASONRY</b></p> <p><b>Section: 04 71 00—<br/>Manufactured Brick<br/>Masonry</b></p> <p><b>Section: 04 73 00—<br/>Manufactured Stone<br/>Masonry</b></p> | <p><b>REPORT HOLDER:<br/>WESTLAKE ROYAL<br/>STONE LLC</b></p> | <p><b>EVALUATION SUBJECT:<br/>STONECRAFT® STONE<br/>VENEER</b></p> |  |
|---|---|--|---|

## 1.0 EVALUATION SCOPE

### 1.1 Compliance with the following codes:

- 2021, 2018 and 2015 [International Building Code® \(IBC\)](#)
- 2021, 2018 and 2015 [International Residential Code® \(IRC\)](#)

### Properties evaluated:

- Properties addressed in ASTM C1670

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

- 2022 [California Green Building Standards Code \(CALGreen\)](#), Title 24, Part 11
- 2020, 2015, 2012 and 2008 ICC 700 [National Green Building Standard™ \(ICC 700-2020, ICC 700-2015, ICC 700-2012, and ICC 700-2008\)](#)

### Attributes verified:

See Section 3.0

## 2.0 USES

The StoneCraft® Stone Veneer described in this report is used as an adhered, non-load-bearing exterior veneer or interior finish on wood-framed or light gage steel stud walls, concrete walls, or concrete masonry walls.

## 3.0 DESCRIPTION

The StoneCraft® Stone Veneer is an adhered manufactured stone masonry veneer (AMSMV) complying with ASTM C1670, referenced in 2021 and 2018 IBC Section 2103.1 and 2021 and 2018 IRC Section R606.2.6. The AMSMV is made from concrete to resemble brick or natural stone, in color and in texture. The concrete is composed of cement, aggregate, water, admixtures, and coloring. The veneer units are molded and cured at the plant. The average saturated weight of the installed veneer units does not exceed 15 pounds per square foot (73.2 kg/m<sup>2</sup>).

Evaluated veneer styles are listed below:

- Cobble

- Fieldstone
- Heritage
- Ledge
- Laurel Cavern Ledge

The attributes of the stone veneer have been verified as conforming to the provisions 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 and 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 (iii) 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 DESIGN AND INSTALLATION

### 4.1 General:

Installation of the AMSMV 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. In accordance with the code, the veneer can be installed over a lath and mortar scratch coat or applied directly to concrete and masonry.

### 4.2 Installation Over a Lath and Mortar Scratch Coat Over Framed Walls:

The scratch coat must be installed over a water-resistive barrier complying with IBC Section 1404.10.1.1 (2015 IBC Section 1405.10.1.1) or IRC Section R703.12.3, as applicable. Also, flashing must be installed as required by IBC Section 1404.10.1.2 (2015 IBC Section 1405.10.1.2) or IRC Sections R703.4 and R703.12.2, as applicable, including a foundation weep screed installed at the bottom of the stone veneer. The foundation weep screed must comply with, and be installed in accordance with, the requirements for flashing at foundation shown in IBC Section 1404.10.1.2.1 (2015 IBC 1405.10.1.2.1) or IRC Section R703.12.2, as applicable. The veneer must be installed with the clearances required by IBC Section 1404.10.1.3 (2015 IBC Section 1405.10.1.3) or IRC Section R703.12.1, as applicable.

Lathing must comply with IBC Section 2510 [referenced from IBC Section 1404.10.1.4.1 (2015 IBC 1405.10.1.4.1)] or IRC Section R703.7.1 (referenced from IRC Section R703.12). The scratch coat must be applied in accordance with IBC Section 1404.10.1.4.2 (2015 IBC Section 1405.10.1.4.2) and the veneer units must be adhered to the scratch coat in accordance with IBC Section 1404.10.1.4.3 (2015 IBC Section 1405.10.1.4.3). The mortar used to adhere the veneer units to the scratch coat must comply with IBC Section 2103.2.4 or IRC Section R606.2.11 (2015 IRC Section R606.2.10).

### 4.3 Installation over Concrete and Masonry:

Installation over concrete and masonry must comply with IBC Section 1404.10.1.5 (2015 IBC Section 1405.10.1.5). When adhering the veneer units directly to the concrete or masonry, the supporting surfaces must be prepared in accordance with IBC Section 2510.7; and the veneer units must be adhered to the supporting surface as described in Section 4.2. When adhering the veneer units to a lath and mortar scratch coat, the lathing and scratch coat preparation must comply with Section 4.2 of this report.

## 5.0 CONDITIONS OF USE:

The AMSMV described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict between the manufacturer's published installation instructions and this report, this report governs.
- 5.2 Expansion or control joints, used to limit the effect of differential movement of AMSMV supports on the veneer system, are to be specified by the architect, designer, or veneer manufacturer, in that order. Consideration must also be given to movement caused by temperature change, shrinkage, creep, and deflection.

- 5.3 In jurisdictions adopting the IBC, the supporting wall must be designed to support the installed weight of the veneer system, including veneer, setting bed and cement plaster backing, as applicable. Horizontal framing members, such as lintels and headers, which support AMSMV must be designed to limit deflection to  $1/600$  of the span.
- 5.4 In jurisdictions adopting the IRC, where the seismic provisions of IRC Section R301.2.2 apply, the average weight of the wall supporting the AMSMV, including the weight of the veneer system, must be determined. When this weight exceeds the applicable limits of IRC Section R301.2.2.2.1, an engineered design of the wall construction must be performed in accordance with IRC Section R301.1.3.
- 5.5 The AMSMV is manufactured under a quality control program with inspections by ICC-ES.

## 6.0 EVIDENCE SUBMITTED

Data in accordance with the [ICC-ES Acceptance Criteria for Adhered Manufactured Stone Masonry Veneer \(AC51\)](#), dated June 2018 (editorially revised January 2021).

## 7.0 IDENTIFICATION

- 7.1 Boxes of AMSMV units are identified with the manufacturer's name (Westlake Royal Stone), the brand name (StoneCraft<sup>®</sup>), the product name, the style name, the manufacturing date and location, and the evaluation report number (ESR-2826).
- 7.2 The report holder's contact information is the following:

**WESTLAKE ROYAL STONE LLC**  
**2801 POST OAK BLVD. SUITE 600**  
**HOUSTON, TEXAS 77056**  
**(855) 769-2585**  
[www.royalbuildingproducts.com/boral](http://www.royalbuildingproducts.com/boral)

**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

**EVALUATION SUBJECT:**

STONECRAFT® STONE VENEER

**1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that StoneCraft® Stone Veneer, described in ICC-ES evaluation report ESR-2826, has also been evaluated for compliance with the codes noted below.

**Applicable code editions:**

- 2019 *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.

- 2019 *California Residential Code*® (CRC)

**2.0 CONCLUSIONS****2.1 CBC:**

The StoneCraft® Stone Veneer, described in Sections 2.0 through 7.0 of the evaluation report ESR-2826, complies with CBC Sections 1404.10.1, 2101.2.1 and 2103.1, provided the design and installation are in accordance with the 2018 *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 StoneCraft® Stone Veneer, described in Sections 2.0 through 7.0 of the evaluation report ESR-2826, complies with CRC Section R606.2.6 and R703.12, provided the design and installation are in accordance with the 2018 *International Residential Code*® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued October 2023.