

# ICC-ES Evaluation Report

**ESR-5406**

Issued July 2025


This report also contains:

- [FL Supplement](#)

Subject to renewal July 2026

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<p><b>DIVISION: 04 00 00 — MASONRY</b></p> <p><b>Section: 04 73 00 – Manufactured Stone Masonry</b></p>	<p><b>REPORT HOLDER:</b></p> <p><b>STRATTON STONE PRODUCTS, LLC</b></p>	<p><b>EVALUATION SUBJECT:</b></p> <p><b>MANUFACTURED STONE VENEER</b></p>	
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## 1.0 EVALUATION SCOPE

### 1.1 Compliance with the following codes:

- 2024, 2021 and 2018 [International Building Code® \(IBC\)](#)
- 2024, 2021 and 2018 [International Residential Code® \(IRC\)](#)

### Property evaluated:

Veneer strength and durability

## 2.0 USES

Stratton Stone Manufactured Stone Veneer is used as an adhered, non-load-bearing exterior veneer on wood framed or light-gage steel stud walls, concrete walls, and masonry walls.

## 3.0 DESCRIPTION

Stratton Stone Manufactured Stone Veneer is a precast concrete product made to resemble natural stone in color and texture. The concrete is comprised of cement, aggregate, water, admixtures and coloring. The veneer units are molded and cured at the manufacturing facility. Evaluated veneer styles are listed in [Table 1](#).

## 4.0 DESIGN AND INSTALLATION

### 4.1 General:

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 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/m<sup>2</sup>). 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 and 2018 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 Stratton Stone Manufactured 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) 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 Stratton Stone Manufactured Stone Veneer 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** The veneer units must be manufactured and identified as described in this report.
- 5.2** Stratton Stone Manufactured Stone Veneer 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 Precast Stone Veneer \(AC51\)](#), dated June 2018 (Editorially revised February 2024).

**7.0 IDENTIFICATION**

- 7.1** The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-5406) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.
- 7.2** In addition, packages of the Statton Stone Manufactured Stone Veneer are identified with the veneer style and color and the manufacturing date.
- 7.3** The report holder’s contact information is the following:

**STRATTON STONE PRODUCTS, LLC**  
**3250 WATERVILLE ROAD**  
**MACON, GEORGIA 31206**  
**(478) 781-6800**  
[www.strattonstone.com](http://www.strattonstone.com)

TABLE 1—EVALUATED STYLES

PRODUCT	STYLES
Stratton Stone Manufactured Stone Veneer	Mountain Ledge, Mountain Stack, Cobblestone

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**DIVISION: 04 00 00—MASONRY**

**Section: 04 73 00—Manufactured Stone Masonry**

## REPORT HOLDER:

**STRATTON STONE PRODUCTS, LLC**

## EVALUATION SUBJECT:

**MANUFACTURED STONE VENEER**

## 1.0 REPORT PURPOSE AND SCOPE

### Purpose:

The purpose of this evaluation report supplement is to indicate that Stratton Stone Manufactured Stone Veneer, described in ICC-ES evaluation report [ESR-5406](#), has also been evaluated for compliance with the codes noted below.

### Applicable code editions:

- 2023 Florida Building Code—Building
- 2023 Florida Building Code—Residential

## 2.0 CONCLUSIONS

The Stratton Stone Manufactured Stone Veneer, described in ICC-ES evaluation report [ESR-5406](#), complies with the *Florida Building Code—Building* and the *Florida Building Code—Residential*. The design requirements must be determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable. The installation requirements noted in ICC-ES evaluation report [ESR-5406](#) for the 2021 *International Building Code*® meet the requirements of the *Florida Building Code—Building* and the *Florida Building Code—Residential*, under the following condition:

- Installation must be in accordance with FBC-B Section 1405.10 or FBC-R Section R703.12, as applicable.

Use of Stratton Stone Manufactured Stone Veneer for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* or the *Florida Building Code—Residential* has not been evaluated, and is outside the scope of this supplemental report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission). Florida Rule 61G20-3 is applicable to products and/or systems which comprise the building envelope and structural frame for compliance with the structural requirements of the Florida Building Code.

This supplement expires concurrently with the evaluation report, issued July 2025.