



### ANATOLIY STONE PRODUCTS, INC.

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### ANATOLIY STONE

#### CSI Sections:

04 71 00 Manufactured Brick Masonry

04 73 00 Manufactured Stone Masonry

#### 1.0 RECOGNITION

Anatoliy Stone has been evaluated for use as a wall covering over exterior walls of wood studs, cold-formed steel framing, or concrete masonry. The composition, strength, and durability of the Anatoliy Stone was evaluated for compliance with the following codes:

- 2015, 2012, and 2009 International Building Code® (IBC)
- 2015, 2012, and 2009 International Residential Code® (IRC)

#### 2.0 LIMITATIONS

Use of Anatoliy Stone recognized in this report is subject to the following limitations:

2.1 “Expansion or control joints used to limit the effect of differential movement of precast stone veneer supports shall be specified by the architect, designer, or veneer manufacturer, in that order. Consideration shall be given to movement caused by temperature changes, shrinkage, creep and deflection.” [AC51]

2.2 “For installation in accordance with the IBC, supporting wall construction shall be designed to support the weight of the veneer system. Horizontal framing members, such as lintels and headers, which support precast stone veneer, shall be designed to limit deflection to  $1/600$  of the span.” [AC51]

2.3 “In jurisdictions adopting the IRC, where the seismic provisions of Section R301.2.2 apply, the average weight of the wall supporting the precast stone veneer, including the weight of the veneer system shall be determined. When this weight exceeds the applicable limits of IRC Section 301.2.2.2.1, an engineered design of the wall construction shall be performed in accordance with IRC Section R301.1.3.” [AC51]

2.4 “When installed on exterior stud walls, the veneer units shall be installed a minimum of 4 inches (102 mm) above the earth, or a minimum of 2 inches (51 mm) above paved areas, or a minimum of ½ inch (12 mm) above exterior walking surfaces which are supported by the same foundation that supports the exterior wall” in accordance with 2015 and 2012 IBC Section 1405.10.1.3 or 2015 and 2012 IRC Section R703.12.1, as applicable.

2.5 The Anatoliy Stone recognized in this report is produced by Anatoliy Stone – La France in Pendleton, South Carolina.

#### 3.0 PRODUCT USE

3.1 Anatoliy Stone complies with Section 1405.10 of the IBC and Section R703.7 of the IRC as an exterior wall covering. The backing for Anatoliy Stone “adhered veneer shall be of concrete, masonry, steel framing, or wood framing.” [Section 1404.4 of the IBC] The veneer units shall be adhered to cement plaster, concrete, or concrete masonry backings when installed in accordance with the manufacturer’s specified installation instructions (Installation Guide for Adhered Manufactured Stone Veneer, 4<sup>th</sup> Edition, published by the Masonry Veneer Manufacturers Association), ASTM C1780, this report, and the applicable code. Lath, lath accessories, and fasteners shall be corrosion-resistant. The installation instructions shall be strictly adhered to and be available at the jobsite during application.

3.2 Anatoliy Stone shall be installed in accordance with Section 1405.10.1 of the IBC or Section R703.12 of the IRC, as applicable, ASTM C1780 and the installation instructions. In the event of a conflict the more restrictive requirement governs.

3.3 Anatoliy Stone units may be applied over the assemblies described in [Table 1](#) of this report when installed in accordance with the referenced code sections and this report.

#### 4.0 PRODUCT DESCRIPTION

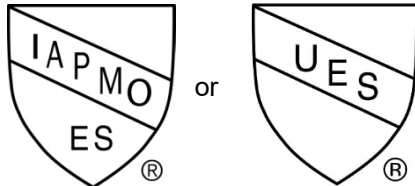
4.1 Anatoliy Stone is manufactured concrete products formed to resemble natural stone in both texture and color. The individual masonry veneer units shall be a minimum of ¾ inch (19 mm) thick and a maximum of 2½ inches (63.5 mm) thick with a minimum compressive strength of 1,800 psi (12.4 MPa). The installed products “average saturated weight must not exceed 15 pounds per square foot (73 kg/m<sup>2</sup>)” [AC51]. The recognized veneer styles are shown in [Table 2](#) of this report.





## 5.0 IDENTIFICATION

Boxes of Anatoliy Stone are identified with the manufacturer's name, the pattern/style name, manufacturing date, manufacturing location, and evaluation report number (ER-692). Either Mark of Conformity may also be used as shown below:



**IAPMO UES ER-692**

## 6.0 SUBSTANTIATING DATA

**6.1** Data in accordance with ICC-ES Acceptance Criteria for Precast Stone Veneer (AC51), approved January 2016.

**6.2** Test results are from laboratories in compliance with ISO/IEC 17025.

**6.3** Manufacturer's descriptive literature and installation instructions.

## 7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research carried out by IAPMO Uniform Evaluation Service on Anatoliy Stone to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at locations noted in Section 2.5 of this report under a quality control program with periodic inspections under the supervision of IAPMO UES.

For additional information about this evaluation report please visit [www.uniform-es.org](http://www.uniform-es.org) or email us at [info@uniform-es.org](mailto:info@uniform-es.org)



**Table 1 – Application of Masonry Veneer Units**

Item	Code Section	Notes
<b>1. Mortar Scratch Coat</b>	IBC Sections 1404.2 and 2510.6; IRC Sections R703.2 and 703.6.3	Minimum <sup>3</sup> / <sub>8</sub> inch (9.5 mm) thick, maximum of <sup>5</sup> / <sub>8</sub> inch (15.9 mm) thick scratch coat of Type S or N mortar complying with ASTM C270, scored horizontally in accordance with IBC Section 2512.6.
<b>2. Water Resistive Barrier</b>	IBC Section 1405.10.1.1; IRC Section R703.2	N/A
<b>3. Flashing</b>	IBC Section 1405.4 (2006 IBC Section 1405.3) and Section 1405.10.1.2; IRC Sections R703.8 and R703.12.2 (2006 IRC Section R703.8)	N/A
<b>4. Weep Screed</b>	IBC Section 1405.10.1.2; IRC Section R703.12.1 (2009 IRC Section R703.6.2.1); and TMS 402-11 Section 6.1.6.2 (ACI 530 Section 6.1.5.2)	N/A
<b>5. Lath and Fasteners</b>	IBC Section 2510.3 (ASTM C926 and ASTM C1063); IRC Section R703.6.1	For proprietary fasteners shear and pull out capacities shall be justified to the satisfaction of the authority having jurisdiction (AHJ).
<b>6. Over Wood Based or Gypsum Sheathing Supported by Steel or Wood Framing</b>	As given in <b>Items 1, 2, 3, 4 and 5 and Notes</b>	<b>Items 1, 2, 3, 4 and 5</b> with framing spaced at 16 inches on-center maximum, lath shall be 2.5 lb/yd <sup>2</sup> self-furring diamond metal lath complying with ASTM C847 fastened in accordance with the requirements of ASTM C1063, Section 7.10.2, and Section R703.6.1 of the IRC with fasteners spaced a maximum of 6 inches on-center.
<b>7. Over Open Studs</b>	As given in <b>Items 1, 2, 3, 4, 5 and 6 and Notes</b>	<b>Items 1, 2, 3, 4, 5 and 6</b> except with 2.5 lb/yd <sup>2</sup> galvanized expanded diamond mesh metal lath complying with ASTM C847.
<b>8. Over Concrete or Concrete Masonry</b>	Prepare surfaces in accordance with IBC Section 2510.7 and Section 5.2 of ASTM C926.	The veneer may be adhered to backings of clean concrete masonry without lath, in accordance with Section 2510.7 of the IBC and Section 5.2 of the ASTM C926. Or <b>Items 1, 3, 4 and 5</b> except with metal lath complying with ASTM C847; or 1.4 lb/yd <sup>2</sup> woven wire plaster base complying with ASTM C1032.
<b>9. Application of Veneer Units</b>	IBC Section 2103.9 (2006 IBC Section 2103.8)	Nominal ½-inch thick setting bed of Type S or N mortar applied to the back of the veneer units in accordance with instructions as noted in Section 3.2 of this report.

**Table 2 – Recognized Veneer Style Names**

Olde Country LedgeStone, Southeastern LedgeStone, Dressy Fieldstone, Field Cobble, River Rock, Tuscany Villa, Italian Manor, Rustic LedgeStone, Weathered Edge, Limestone, Euro Castle, Castel Stone, LedgeStone, Mountain Ledge, Shadow Rock, Country Filed, Rubble, Used Brick, Olde Brick, Coral Stone, Caroling LedgeStone, Stream Stone.