



Listing and Technical Evaluation Report™

A Duly Authenticated Report from an Approved Agency

Report No: 1703-08



Issue Date: June 19, 2019

Revision Date: March 24, 2026

Subject to Renewal: April 1, 2027

Versetta Stone® Panelized Stone Veneer in Post-Framed Applications

Trade Secret Report Holder:
Westlake Royal Stone, LLC

Phone: 855-769-2585

Website: www.westlakeroyalbuildingproducts.com

Email: bruce.swartz@westlake.net

Additional Listee: Versetta Stone®

350 Tower Rd
American Canyon, CA 94503

590 Ecology Ln
Chester, SC 29706

Phone: 800-521-8486

8300 County Rd 189
Holmesville, OH 44633

181 Antrim Commons Dr
Greencastle, PA 17225

Website: www.versettastone.com

18012 Dover Rd
Mount Eaton, OH 44659

Camino Martin 2500
Ranchos Dos Palmas
Baja California, Mexico 22650

CSI Designations:

DIVISION: 07 00 00 - THERMAL AND MOISTURE PROTECTION

Section: 07 44 53 - Glass-Fiber-Reinforced Cementitious Panels

Section: 07 44 63 - Fabricated Faced Panel Assemblies

1 Innovative Product Evaluated¹

1.1 Versetta Stone Panelized Stone Veneer

2 Product Description and Materials

2.1 The innovative product evaluated in this report is shown in **Figure 1**.

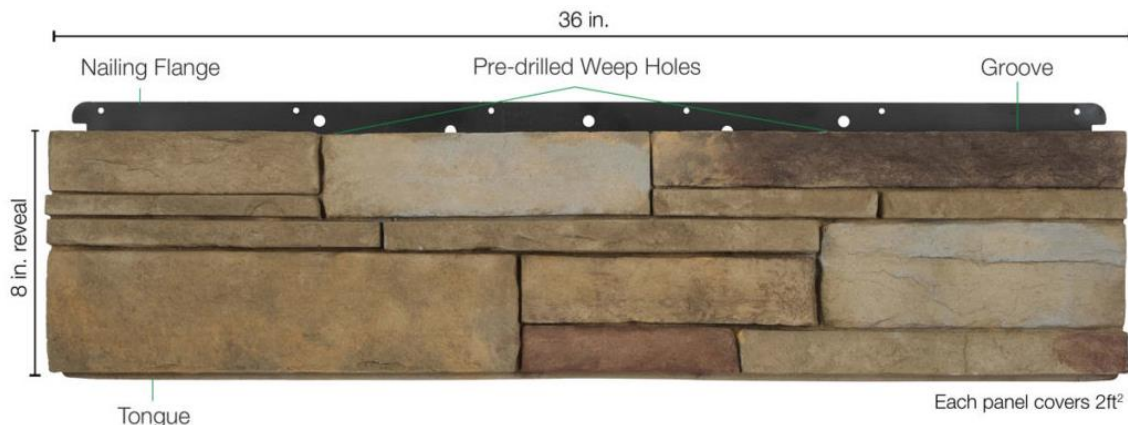


Figure 1. Versetta Stone Panel with Nailing Flange (Across Top of Panel)



- 2.2 Versetta Stone is a non-structural, fiber-reinforced, cement-based masonry wall cladding that is mechanically attached to concrete walls, masonry walls, steel-framed, or wood-framed buildings.
 - 2.2.1 This report covers the application of Versetta Stone on post-framed buildings.
 - 2.2.1.1 For application of Versetta Stone over insulation on steel-framed or wood-framed buildings, see Report Number [1212-01](#).
 - 2.2.1.2 For application of Versetta Stone over insulation on concrete or masonry walls, see Report Number [1312-03](#).
- 2.3 Versetta Stone panels have a simulated stone veneer surface.
- 2.4 The panels measure 36.4" long x 9.5" tall and 1.8" thick and have tongue-and-groove edges that engage adjacent panels.
 - 2.4.1 The finished exposure of the panels is 8" x 36" (see **Figure 1**).
- 2.5 A 0.0217" thick painted G90 galvanized steel nailing flange is molded along the top edge of the panels for attachment to the substrate, as shown in **Figure 1**.
- 2.6 The bottom edge and the ends of the panels fit together using tongue-and-groove technology.
- 2.7 Versetta Stone panels have an installed weight of approximately 8.5-psf (17 lbs per panel).
- 2.8 Additionally, Versetta Stone veneer panels are supplemented with various accessories (i.e., starter strips, bridging, corner pieces) to aid with installation.
- 2.9 As needed, review material properties for design in **Section 6** and the regulatory evaluation in **Section 8**.

3 Definitions²

- 3.1 New Materials³ are defined as building materials, equipment, appliances, systems, or methods of construction, not provided for by prescriptive and/or legislatively adopted regulations, known as alternative materials.⁴ The design strength and permissible stresses shall be established by tests⁵ and/or engineering analysis.⁶
- 3.2 Duly authenticated reports⁷ and research reports⁸ are test reports and related engineering evaluations that are written by an approved agency⁹ and/or an approved source.¹⁰
 - 3.2.1 This report utilizes intellectual property and/or trade secrets to create public domain material properties for commercial end-use.
 - 3.2.1.1 This report protects confidential Intellectual Property and trade secrets under the regulation, [18.U.S.Code.90](#), also known as Defend Trade Secrets Act of 2016 (DTSA).¹¹
- 3.3 An approved agency is "approved" when it is ANAB ISO/IEC 17065 accredited. DrJ Engineering, LLC (DrJ) is accredited and listed in the ANAB directory.
- 3.4 An approved source is "approved" when a professional engineer (i.e., Registered Design Professional, hereinafter RDP) is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the state legislature via its professional engineering regulations.¹²
- 3.5 Testing and/or inspections conducted for this duly authenticated report were performed by an ISO/IEC 17025 accredited testing laboratory, an ISO/IEC 17020 accredited inspection body, and/or a licensed RDP.
 - 3.5.1 The Center for Building Innovation (CBI) is ANAB¹³ ISO/IEC 17025 and ISO/IEC 17020 accredited.
- 3.6 The regulatory authority shall enforce¹⁴ the specific provisions of each legislatively adopted regulation. If there is a non-conformance, the specific regulatory section and language of the non-conformance shall be provided in writing¹⁵ stating the nonconformance and the path to its cure.
- 3.7 The regulatory authority shall accept duly authenticated reports from an approved agency and/or an approved source with respect to the quality and manner of use of new materials or assemblies as provided for in regulations regarding the use of alternative materials, designs, or methods of construction.¹⁶



- 3.8 ANAB is an International Accreditation Forum (IAF) Multilateral Recognition Arrangement (MLA) signatory. Therefore, recognition of certificates and validation statements issued by conformity assessment bodies accredited by all other signatories of the IAF MLA with the appropriate scope shall be approved.¹⁷ Thus, all ANAB ISO/IEC 17065 duly authenticated reports are approval equivalent,¹⁸ and can be used in any country that is an MLA signatory found at this link: <https://iaf.nu/en/recognised-abs/>
- 3.9 Approval equity is a fundamental commercial and legal principle.¹⁹

4 Applicable Local, State, and Federal Approvals; Standards; Regulations²⁰

4.1 Local, State, and Federal

- 4.1.1 Approved in all local jurisdictions pursuant to ISO/IEC 17065 duly authenticated report use, which includes, but is not limited to, the following featured local jurisdictions: Austin, Baltimore, Broward County, Chicago, Clark County, Dade County, Dallas, Detroit, Denver, DuPage County, Fort Worth, Houston, Kansas City, King County, Knoxville, Las Vegas, Los Angeles City, Los Angeles County, Miami, Nashville, New York City, Omaha, Philadelphia, Phoenix, Portland, San Antonio, San Diego, San Jose, San Francisco, Seattle, Sioux Falls, South Holland, St. Louis County, Texas Department of Insurance, and Wichita.²¹
- 4.1.2 Approved in all state jurisdictions pursuant to ISO/IEC 17065 duly authenticated report use, which includes, but is not limited to, the following featured states: California, Florida, New Jersey, Oregon, New York, Texas, Washington, and Wisconsin.²²
- 4.1.3 Approved by the Code of Federal Regulations Manufactured Home Construction: Pursuant to Title 24, Subtitle B, Chapter XX, Part 3282.14²³ and Part 3280²⁴ pursuant to the use of ISO/IEC 17065 duly authenticated reports.
- 4.1.4 Approved means complying with the requirements of local, state, or federal legislation.

4.2 Regulations

- 4.2.1 *IBC – 18, 21, 24: International Building Code®*
- 4.2.2 *IRC – 18, 21, 24: International Residential Code®*

4.3 Standards

- 4.3.1 *ANSI/AWC NDS: National Design Specification (NDS) for Wood Construction*
- 4.3.2 *ASCE/SEI 7: Minimum Design Loads and Associated Criteria for Buildings and Other Structures*

5 Listed²⁵

- 5.1 Equipment, materials, products, or services included in a List published by a nationally recognized testing laboratory (e.g., CBI), an approved agency (e.g., CBI and DrJ), and/or and approved source (e.g., DrJ), or other organization(s) concerned with product evaluation (e.g., DrJ), that maintains periodic inspection (e.g., CBI) of production of listed equipment or materials, and whose listing states either that the equipment or material meets nationally recognized standards or has been tested and found suitable for use in a specified manner.

6 Tabulated Properties Generated from Nationally Recognized Standards

- 6.1 Versetta Stone is used as an exterior wall covering in accordance with the applicable sections of IBC Chapter 14 and IRC Section R703, and is installed over post-framed buildings.
- 6.2 As an option, Versetta Stone may be installed over Oriented Strand Board (OSB) sheathing attached directly to the posts.
- 6.3 In both assemblies, walls must be capable of supporting the imposed loads in accordance with IBC Section 1609 and IRC Section R301.2.1, including all required transverse wind loads.
- 6.4 The general construction considered is as shown in **Figure 2**.

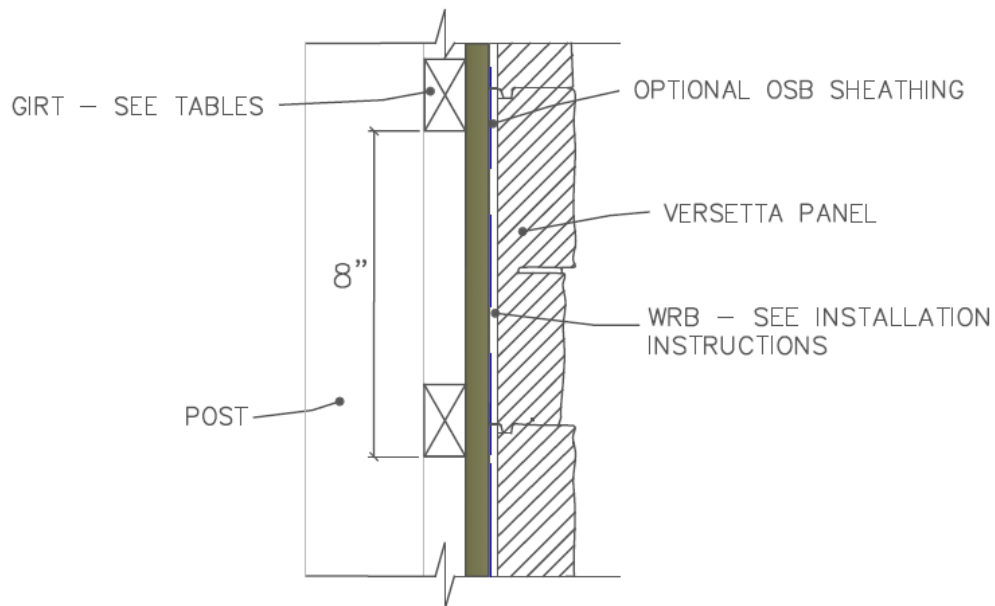


Figure 2. General Construction

- 6.5 Analysis of girts installed between the posts was conducted to assess their ability to resist wind loads and remain within set deflection limits.
- 6.6 See **Table 1**, **Table 2**, and **Table 3** for maximum spacing of posts for the conditions evaluated.
- 6.7 For additional information or use in other applications, consult the manufacturer installation instructions.



Table 1. Maximum Spacing Between Posts (ft - in) [mm] for 15 ft Tall Building^{2,5}

Girt ^{3,4}	Species	Grade	Exposure	Basic Wind Speed, V_{ult} (mph)							
				115		130		150		180	
				L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹
2 x 4	SPF	No.1/No.2	B	(8' - 2") [2,489]	(7' - 1") [2,161]	(7' - 6") [2,285]	(6' - 6") [1,985]	(6' - 9") [2,069]	(5' - 11") [1,797]	(5' - 12") [1,823]	(5' - 2") [1,587]
			C	(7' - 1") [2,169]	(6' - 2") [1,884]	(6' - 6") [1,991]	(5' - 8") [1,730]	(5' - 11") [1,803]	(5' - 2") [1,570]	(5' - 3") [1,592]	(4' - 7") [1,390]
2 x 4	SPF (MSR)	2100f-1.8E	B	(8' - 11") [2,716]	(7' - 9") [2,359]	(8' - 2") [2,494]	(7' - 1") [2,166]	(7' - 5") [2,258]	(6' - 5") [1,961]	(6' - 6") [1,989]	(5' - 8") [1,728]
			C	(7' - 9") [2,367]	(6' - 9") [2,055]	(7' - 2") [2,173]	(6' - 2") [1,888]	(6' - 5") [1,967]	(5' - 7") [1,709]	(5' - 8") [1,733]	(4' - 12") [1,512]
2 x 6	SPF	No.1/No.2	B	(9' - 7") [2,913]	(8' - 4") [2,529]	(8' - 9") [2,674]	(7' - 7") [2,322]	(7' - 11") [2,421]	(6' - 11") [2,103]	(6' - 12") [2,133]	(6' - 1") [1,852]
			C	(8' - 4") [2,538]	(7' - 3") [2,204]	(7' - 8") [2,330]	(6' - 8") [2,024]	(6' - 11") [2,110]	(6' - 0") [1,832]	(6' - 1") [1,858]	(5' - 4") [1,617]
5/4 x 6	SPF	No.1/No.2	B	(6' - 3") [1,908]	(5' - 5") [1,658]	(5' - 9") [1,752]	(5' - 0") [1,528]	(5' - 3") [1,590]	(4' - 7") [1,389]	(4' - 7") [1,408]	(4' - 0") [1,230]
			C	(5' - 5") [1,663]	(4' - 9") [1,453]	(5' - 0") [1,533]	(4' - 5") [1,339]	(4' - 7") [1,393]	(3' - 12") [1,217]	(4' - 1") [1,234]	(3' - 6") [1,078]

SI: 1 in = 25.4 mm, 1 mph = 1.61 km/h

- Forty-two percent (42%) of Wind Load is used for determining deflection per [IBC Table 1604.3](#) footnote f, deflection criteria set by footnote a. (Based on ASCE 7-22 Loads)
- Tabulated values based on the following assumptions: Importance Category II (I=1.0), Enclosed building, $K_e = 1.0$, $K_{zt}=1.0$, $K_d=0.85$, $C_d=1.6$.
- Girts located at 8" o.c. maximum.
- Girts analyzed as flatwise, simple spanning member.
- Sheathing capacity (OSB) is not taken into account. Listed spacings are applicable to sheathed and unsheathed post-frame buildings.



Table 2. Maximum Spacing Between Posts (ft - in) [mm] for 30 ft Tall Building^{2,5}

Girt ^{3,4}	Species	Grade	Exposure	Basic Wind Speed, V_{ult} (mph)							
				115		130		150		180	
				L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹
2 x 4	SPF	No.1/No.2	B	(7' - 8") [2,334]	(6' - 8") [2,027]	(7' - 0") [2,143]	(6' - 1") [1,861]	(6' - 4") [1,940]	(5' - 6") [1,685]	(5' - 7") [1,709]	(4' - 11") [1,492]
			C	(6' - 9") [2,065]	(5' - 11") [1,793]	(6' - 3") [1,896]	(5' - 5") [1,648]	(5' - 8") [1,716]	(4' - 11") [1,498]	(4' - 12") [1,518]	(4' - 4") [1,326]
2 x 4	SPF (MSR)	2100f-1.8E	B	(8' - 4") [2,547]	(7' - 3") [2,212]	(7' - 8") [2,339]	(6' - 8") [2,031]	(6' - 11") [2,117]	(6' - 0") [1,839]	(6' - 1") [1,865]	(5' - 4") [1,622]
			C	(7' - 5") [2,253]	(6' - 5") [1,957]	(6' - 9") [2,069]	(5' - 11") [1,797]	(6' - 2") [1,873]	(5' - 4") [1,629]	(5' - 5") [1,651]	(4' - 9") [1,442]
2 x 6	SPF	No.1/No.2	B	(8' - 12") [2,731]	(7' - 9") [2,372]	(8' - 3") [2,508]	(7' - 2") [2,178]	(7' - 5") [2,270]	(6' - 6") [1,972]	(6' - 7") [2,000]	(5' - 8") [1,737]
			C	(7' - 11") [2,416]	(6' - 11") [2,098]	(7' - 3") [2,218]	(6' - 4") [1,927]	(6' - 7") [2,008]	(5' - 9") [1,744]	(5' - 10") [1,769]	(5' - 1") [1,542]
5/4 x 6	SPF	No.1/No.2	B	(5' - 10") [1,789]	(5' - 1") [1,559]	(5' - 5") [1,644]	(4' - 9") [1,436]	(4' - 11") [1,495]	(4' - 3") [1,306]	(4' - 4") [1,324]	(3' - 10") [1,156]
			C	(5' - 2") [1,586]	(4' - 7") [1,386]	(4' - 10") [1,462]	(4' - 2") [1,277]	(4' - 4") [1,329]	(3' - 10") [1,161]	(3' - 10") [1,177]	(3' - 4") [1,028]

SI: 1 in = 25.4 mm, 1 mph = 1.61 km/h

- Forty-two percent (42%) of Wind Load is used for determining deflection per IBC Table 1604.3 footnote f, deflection criteria set by footnote a. (Based on ASCE 7-22 Loads)
- Tabulated values based on the following assumptions: Importance Category II (I=1.0), Enclosed building, $K_e = 1.0$, $K_{zt}=1.0$, $K_d=0.85$, $C_d=1.6$.
- Girts located at 8" o.c. maximum.
- Girts analyzed as flatwise, simple spanning member.
- Sheathing capacity (OSB) is not taken into account. Listed spacings are applicable to sheathed and unsheathed post-frame buildings.



Table 3. Maximum Spacing Between Posts (ft - in) [mm] for 45 ft Tall Building^{2,5}

Girt ^{3,4}	Species	Grade	Exposure	Basic Wind Speed, V _{ult} (mph)							
				115		130		150		180	
				L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹	L/240 ¹	L/360 ¹
2 x 4	SPF	No.1/No.2	B	(7' - 4") [2,248]	(6' - 5") [1,952]	(6' - 9") [2,064]	(5' - 11") [1,793]	(6' - 2") [1,869]	(5' - 4") [1,625]	(5' - 5") [1,647]	(4' - 9") [1,439]
			C	(6' - 7") [2,006]	(5' - 9") [1,742]	(6' - 1") [1,842]	(5' - 3") [1,603]	(5' - 6") [1,668]	(4' - 9") [1,457]	(4' - 10") [1,477]	(4' - 3") [1,290]
2 x 4	SPF (MSR)	2100f-1.8E	B	(8' - 1") [2,453]	(6' - 12") [2,130]	(7' - 5") [2,252]	(6' - 5") [1,956]	(6' - 8") [2,039]	(5' - 10") [1,771]	(5' - 11") [1,796]	(5' - 2") [1,565]
			C	(7' - 2") [2,189]	(6' - 3") [1,901]	(6' - 7") [2,010]	(5' - 9") [1,746]	(5' - 12") [1,820]	(5' - 2") [1,584]	(5' - 3") [1,606]	(4' - 7") [1,403]
2 x 6	SPF	No.1/No.2	B	(8' - 8") [2,630]	(7' - 6") [2,284]	(7' - 11") [2,415]	(6' - 11") [2,098]	(7' - 2") [2,186]	(6' - 3") [1,899]	(6' - 4") [1,926]	(5' - 6") [1,673]
			C	(7' - 8") [2,347]	(6' - 8") [2,039]	(7' - 1") [2,155]	(6' - 2") [1,872]	(6' - 5") [1,951]	(5' - 7") [1,695]	(5' - 8") [1,719]	(4' - 11") [1,500]
5/4 x 6	SPF	No.1/No.2	B	(5' - 8") [1,723]	(4' - 11") [1,504]	(5' - 2") [1,586]	(4' - 7") [1,386]	(4' - 9") [1,442]	(4' - 2") [1,259]	(4' - 2") [1,277]	(3' - 8") [1,115]
			C	(5' - 1") [1,543]	(4' - 5") [1,348]	(4' - 8") [1,422]	(4' - 1") [1,242]	(4' - 3") [1,293]	(3' - 8") [1,129]	(3' - 9") [1,145]	(3' - 3") [1,000]

SI: 1 in = 25.4 mm, 1 mph = 1.61 km/h

- Forty-two percent (42%) of Wind Load is used for determining deflection per IBC Table 1604.3 footnote f, deflection criteria set by footnote a. (Based on ASCE 7-22 Loads)
- Tabulated values based on the following assumptions: Importance Category II (I=1.0), Enclosed building, K_e = 1.0, K_{z1}=1.0, K_d=0.85, C_d=1.6.
- Girts located at 8" o.c. maximum.
- Girts analyzed as flatwise, simple spanning member.
- Sheathing capacity (OSB) is not taken into account. Listed spacings are applicable to sheathed and unsheathed post-frame buildings.

6.8 Alternative techniques shall be permitted in accordance with accepted engineering practice and experience. These provisions for the use of alternative materials, designs, and methods of construction are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed herein. This includes, but is not limited to, the following areas of engineering: mechanics of materials, structures, building science, and fire science.

7 Certified Performance²⁶

- All construction methods shall conform to accepted engineering practices to ensure durable, livable, and safe construction and shall demonstrate acceptable workmanship reflecting journeyman quality of work of the various trades.²⁷
- The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur.²⁸



8 Regulatory Evaluation and Accepted Engineering Practice

- 8.1 Versetta Stone Panelized Stone Veneer complies with the following legislatively adopted regulations and/or accepted engineering practice for the following reasons:
- 8.1.1 Walls using Versetta Stone as cladding in post-framed construction were evaluated for the purpose of defining the allowable spacing of the posts based on the following criteria:
 - 8.1.1.1 Deflection of the girts spanning between the posts is limited to $L/240$ and $L/360$
 - 8.1.1.2 Girts are one of the following materials:
 - 8.1.1.2.1 2 x 4 SPF No. 1 or No. 2
 - 8.1.1.2.2 2 x 4 SPF 2100 1.8E
 - 8.1.1.2.3 2 x 6 SPF No. 1 or No. 2
 - 8.1.1.2.4 $5/4$ x 6 SPF No. 1 or No. 2
 - 8.1.2 Wind speeds considered are as defined in ASCE 7-22, where V_{ult} is 115 mph, 130 mph, 150 mph, or 180 mph in accordance with [IBC Section 1609.3](#).
 - 8.2 Structural analysis of the posts, connection of OSB-to-girts, girts-to-post, and Versetta Stone-to-girts, is outside the scope of this report.
 - 8.3 Any building code, regulation, and/or accepted engineering evaluations (i.e., [research reports](#), [duly authenticated reports](#), etc.) that are conducted for this Listing were performed by DrJ, which is an [ISO/IEC 17065 accredited certification body](#) and a professional engineering company operated by [RDP](#) or [approved sources](#). DrJ is qualified²⁹ to practice product and regulatory compliance services within its [scope of accreditation and engineering expertise](#),³⁰ respectively.
 - 8.4 Engineering evaluations are conducted with DrJ's ANAB [accredited ICS code scope](#) of expertise, which is also its areas of professional engineering competence.

9 Installation

- 9.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this report, and the applicable building code.
- 9.2 In the event of a conflict between the manufacturer installation instructions and this report, contact the manufacturer for counsel on the proper installation method.
- 9.3 Installation is subject to the conditions of use set forth in **Section 12**.
- 9.4 Versetta Stone shall be installed over walls capable of resisting 100% of the design wind loads.
- 9.5 A Water-Resistive Barrier (WRB) is required behind Versetta Stone in assemblies with or without OSB in accordance with [IBC Section 1403.2](#) and [IBC Section 1402.2](#).
 - 9.5.1 The WRB may be comprised of a liquid-applied sheet material or a continuous insulation product evaluated for use as a WRB, with all joints taped per the manufacturer installation instructions.
- 9.6 All other installation and flashing details germane to the project shall be in accordance with the applicable building code, the building designer's details, and the manufacturer installation instructions.



10 Substantiating Data

- 10.1 Testing has been performed under the supervision of a professional engineer and/or under the requirements of ISO/IEC 17025 as follows:
- 10.1.1 Analysis of girts for loading and deflection limitations in accordance with ASCE 7-22 by DrJ Engineering, LLC.
- 10.2 Information contained herein may include the result of testing and/or data analysis by sources that are approved agencies, approved sources, and/or an RDP. Accuracy of external test data and resulting analysis is relied upon.
- 10.3 Where applicable, testing and/or engineering analysis are based upon provisions that have been codified into law through state or local adoption of regulations and standards. The developers of these regulations and standards are responsible for the reliability of published content. DrJ's engineering practice may use a regulation-adopted provision as the control. A regulation-endorsed control versus a simulation of the conditions of application to occur establishes a new material as being equivalent to the regulatory provision in terms of quality, strength, effectiveness, fire resistance, durability, and safety.
- 10.4 The accuracy of the provisions provided herein may be reliant upon the published properties of raw materials, which are defined by the grade mark, grade stamp, mill certificate, or duly authenticated reports from approved agencies and/or approved sources provided by the supplier. These are presumed to be minimum properties and relied upon to be accurate. The reliability of DrJ's engineering practice, as contained in this duly authenticated report, may be dependent upon published design properties by others.
- 10.5 *Testing and Engineering Analysis*
- 10.5.1 The strength, rigidity, and/or general performance of component parts and/or the integrated structure are determined by suitable tests that simulate the actual conditions of application that occur and/or by accepted engineering practice and experience.³¹
- 10.6 Where additional condition of use and/or regulatory compliance information is required, please search for Versetta Stone on the DrJ Certification website.

11 Findings

- 11.1 As outlined in **Section 6**, Versetta Stone has performance characteristics that were tested and/or meet applicable regulations. In addition, they are suitable for use pursuant to its specified purpose.
- 11.2 When used and installed in accordance with this duly authenticated report and the manufacturer installation instructions, Versetta Stone shall be approved for the following applications:
- 11.2.1 When Versetta Stone is used as an exterior wall covering installed over post-framed walls separately capable of resisting 100% of the design wind pressures, the spacing of the posts shall be within that outlined in **Table 1**, **Table 2**, or **Table 3** for the application specified.
- 11.3 Any application specific issues not addressed herein can be engineered by an RDP. Assistance with engineering is available from Westlake Royal Stone, LLC.
- 11.4 IBC Section 104.2.3³² (IRC Section R104.2.2³³ and IFC Section 104.2.3³⁴ are similar) in pertinent part state:

104.2.3 Alternative Materials, Design and Methods of Construction and Equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative is not specifically prohibited by this code and has been approved.



- 11.5 **Approved:**³⁵ Building regulations require that the building official shall accept duly authenticated reports.³⁶
- 11.5.1 An approved agency is “*approved*” when it is ANAB ISO/IEC 17065 accredited.
- 11.5.2 An approved source is “*approved*” when an RDP is properly licensed to transact engineering commerce.
- 11.5.3 Federal law, Title 18 US Code Section 242, requires that, where the alternative product, material, service, design, assembly, and/or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved. Denial without written reason deprives a protected right to free and fair competition in the marketplace.
- 11.6 DrJ is a licensed engineering company, employs licensed RDPs and is an ANAB Accredited Product Certification Body – Accreditation #1131.
- 11.7 Through the IAF Multilateral Arrangement (MLA), this duly authenticated report can be used to obtain product approval in any jurisdiction or country because all ANAB ISO/IEC 17065 duly authenticated reports are equivalent.³⁷

12 Conditions of Use

- 12.1 As defined in **Section 6**, where material and/or engineering mechanics properties are created for load resisting design purposes, the resistance to the applied load shall not exceed the ability of the defined properties to resist those loads using the principles of accepted engineering practice.
- 12.2 Versetta Stone panels described in this report comply with, or are a code-compliant alternative material, to codes described in **Section 4**, and are subject to the following conditions:
- 12.2.1 Installation shall comply with the manufacturer installation instructions and this report. In the event of a conflict between the manufacturer installation instructions and this report, this report shall govern.
- 12.2.2 Installation shall be on post-framed walls constructed with girts 8" o.c. and shall be capable of supporting the imposed loads.
- 12.2.3 As an option, Versetta Stone may be installed over OSB sheathing attached directly to the posts. Walls shall be capable of supporting the imposed loads.
- 12.3 Where the seismic provisions of IRC Section R301.2.2.1 apply, the Versetta Stone wall assembly shall be within the weight limits outlined in IRC Section R301.2.2.2, unless an engineered design is provided in accordance with IRC Section R301.1.3.
- 12.4 Walls shall be braced to resist shear (racking) load by other means in accordance with the applicable code.
- 12.5 Fasteners used to secure Versetta Stone panels shall be corrosion-resistant as specified in IBC Section 1404.5, IBC Section 2304.10.6, where applicable, and IRC Section R703.3.3.
- 12.6 Versetta Stone panels shall be manufactured under the direction of a third-party quality assurance program to ensure continued compliance with this report and the applicable building code.
- 12.7 Use of Versetta Stone panels in installations exceeding 45' in height are outside the scope of this report.
- 12.8 Use of Versetta Stone panels in the High Velocity Hurricane Zone (HVHZ) of southern Florida is outside the scope of this report.
- 12.9 When required by adopted legislation and enforced by the building official, also known as the Authority Having Jurisdiction (AHJ) in which the project is to be constructed:
- 12.9.1 Any calculations incorporated into the construction documents shall conform to accepted engineering practice and, when prepared by an approved source, shall be approved when signed and sealed.
- 12.9.2 This report and the installation instructions shall be submitted at the time of permit application.
- 12.9.3 This innovative product has an internal quality control program and a third-party quality assurance program.
- 12.9.4 At a minimum, this innovative product shall be installed per **Section 9**.



- 12.9.5 The review of this report by the AHJ shall comply with IBC Section 104.2.3.2 and IBC Section 105.3.1.
- 12.9.6 This innovative product has an internal quality control program and a third party quality assurance program in accordance with IBC Section 104.7.2, IBC Section 110.4, IBC Section 1703, IRC Section R104.7.2, and IRC Section R109.2.
- 12.9.7 The application of this innovative product in the context of this report is dependent upon the accuracy of the construction documents, implementation of installation instructions, inspection as required by IBC Section 110.3, IRC Section R109.2, and any other regulatory requirements that may apply.
- 12.10 The approval of this report by the AHJ shall comply with IBC Section 1707.1, where legislation states in part, *"the building official shall make, or cause to be made, the necessary tests and investigations; or the building official shall accept duly authenticated reports from approved agencies in respect to the quality and manner of use of new materials or assemblies as provided for in Section 104.2.3,"* all of IBC Section 104, and IBC Section 105.3.
- 12.11 Design loads shall be determined in accordance with the regulations adopted by the jurisdiction in which the project is to be constructed and/or by the building designer (i.e., owner or RDP).
- 12.12 The actual design, suitability, and use of this report for any particular building, is the responsibility of the owner or the authorized agent of the owner.

13 Identification

- 13.1 Versetta Stone, as listed in **Section 1.1**, is identified by a label on the board or packaging material bearing the manufacturer name, product name, this report number, and other information to confirm code compliance.
- 13.2 Additional technical information can be found at www.versettastone.com.

14 Review Schedule

- 14.1 This report is subject to periodic review and revision. For the latest version, visit www.drjcertification.org.
- 14.2 For information on the status of this report, please contact [DrJ Certification](#).



- 29 Qualification is performed by a legislatively defined Accreditation Body. ANSI National Accreditation Board (ANAB) is the largest independent accreditation body in North America and provides services in more than 75 countries. DrJ is an ANAB accredited product certification body.
- 30 <https://anabpd.ansi.org/Accreditation/product-certification/AllDirectoryDetails?prgID=1&orgID=2125&statusID=4#:~:text=Bill%20Payment%20Date-,Accredited%20Scopes,-13%20ENVIRONMENT.%20HEALTH>
- 31 See Code of Federal Regulations (CFR) Title 24 Subtitle B Chapter XX Part 3280 for definition: <https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280>
- 32 2021 IBC Section 104.11
- 33 2021 IRC Section R104.11
- 34 2018: <https://up.codes/viewer/wyoming/ifc-2018/chapter/1/scope-and-administration#104.9> AND 2021: <https://up.codes/viewer/wyoming/ibc-2021/chapter/1/scope-and-administration#104.11>
- 35 Approved is an adjective that modifies the noun after it. For example, Approved Agency means that the Agency is accepted officially as being suitable in a particular situation. This example conforms to IBC/IRC/IFC Section 201.4 (<https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#201.4>) where the building code authorizes sentences to have an ordinarily accepted meaning such as the context implies.
- 36 <https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1>
- 37 Multilateral approval is true for all ANAB accredited product evaluation agencies and all International Trade Agreements.