

## Product Evaluation

EC112 | 0220

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** EC-112

**Effective Date:** February 1, 2020

**Re-evaluation Date:** February 2024

**Product Name:** Versetta Stone® Veneer Wall Panels

**Manufacturer:** Boral Stone Products, LLC  
200 Mansell Court East  
Suite 300  
Roswell, GA 30076  
(419) 318-5345

### General Description:

Versetta Stone® is mortarless stone veneer panels. The stone is used as a nonstructural exterior wall covering. The panels are precast, glass-fiber reinforced cement panels. The panels are nominal 36" long by 9-1/2" high by approximately 1.8" thick. The installed panels have an 8" x 36" exposure. The stone products are used as non-loadbearing exterior veneer.

### Limitations:

**Design Pressure:** -46.7 psf

**Wall Bracing:** The Versetta Stone®, is not to be used to resist lateral loads (must not be used as wall bracing or as a shearwall).

**Installation:****General Installation Requirements:**

The stone veneer must be installed in accordance with the Versetta Stone®, Manufacturer's Installation Instructions and this product evaluation report. Where differences occur between the installation instructions and this evaluation report, this evaluation report must be followed.

All fasteners used must be corrosion resistant.

**Wall Framing:** Wall framing must be capable of resisting the design loads specified. Wall framing members must be minimum nominal 2x4 Spruce-Pine-Fir dimension lumber. Space the wall framing members a maximum of 16" on center.

**Wall Sheathing:** The exterior surface of the wall framing must be sheathed with wood structural panels (either minimum nominal 15/32" plywood or minimum nominal 7/16" OSB). The sheathing must be secured to the wall framing to resist the required wind loads.

**Wall Bracing:** Wall bracing must be installed as required for the structure.

**Water-Resistive Barrier:** Install minimum one layer of a water-resistive barrier (WSB) over the wall sheathing in accordance with either the IRC or the IBC. The WRB must be installed as specified in the Versetta Stone®, Installation Instructions.

**Stone Installation:** Install the starter strip at the base of the wall. The nailing flange of the starter strip must be behind the WRB. Secure the starter strip to the wood structural panels with minimum 1/8" shank diameter smooth shank corrosion resistant roofing nails with a 3/8" diameter head and minimum 1-1/2" length. The fasteners are spaced 6" on center. The stone panels are installed with vertical panel joints staggered between adjacent rows. The stone panels are secured the exterior wall surface with minimum 1/8" shank diameter smooth shank corrosion resistant roofing nails with a 3/8" diameter head and minimum 1-1/2" length. Use four (4) fasteners in each 36" long section and two (2) fasteners in each 12" long section. Fastener spacing is determined by the alternating pattern of each row. At least two (2) fasteners must penetrate into the wall studs for each 36" long panel and one (1) fastener must penetrate into the wall studs for each 12" long panel. Fasteners penetrating into the sheathing only must be long enough to penetrate complete through the wood structural panels. Fasteners penetrating into the sheathing and the wall studs must be long enough to penetrate a minimum of 1" into the wall studs.

**Note:** Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.