



SPEC DATA SHEET

Manufactured Stone Veneer

1. Product Name

- Native® Custom Stone Veneer

2. Manufacturer

Native® Custom Stone, LLC

236 Hightower Parkway

Dawsonville, GA 30534

706.216.5545

706.216.5550

www.nativecustomstone.com

3. Product Description

BASIC USE

Native® Custom Stone products are intended for interior or exterior nonstructural use as a lightweight veneer facing on masonry, metal framed, or wood framed construction for architectural aesthetics. Products are created by master craftsmen who select the best textures, sizes and shapes from natural stones. These products are suitable for use on residential and commercial projects of many types. Native® Custom Stone products are produced in preselected sizes and shapes. No additional foundation or structural support is required. Installation is quick and easy, and costs far less than a full thickness natural stone wall.

COMPOSITION & MATERIALS

Native® Custom Stone products are cast in molds using a unique process that replicates existing colors and textures with meticulous detail. Each color and texture has its own blend of ingredients, including Portland cement, lightweight aggregates and iron oxide pigments, producing the look and feel of natural stone.

TYPES

- Stone veneer
- Hearthstones
- Capstones
- Sills
- Keystones

SIZES & SHAPES

Random sizes, shapes and textures of finished product duplicate natural stones. Stone diameter varies from 2" - 30" (51 - 762 mm). The average thickness of Native® Custom Stone wall veneers is 1 3/4" (44 mm). Thickness may vary from 1" - 2 5/8" (25.4 - 67 mm) depending on the texture.

COLORS

See manufacturer's published literature for 26 available colors or www.nativecustomstone.com.

Note – Native® Custom Stone brand products are durable and colorfast in interior and exterior applications.



WEIGHT

- Maximum veneer unit weight - 13 psf

FINISHES & TEXTURES

- *Stack
- *Ledge
- *Rubble
- *River Rock
- *Castle Rock
- *Fieldstone
- *Country Villa
- *CustomFit™ Panels

**** See manufacturer's published literature for available accessory styles and colors or

www.nativecustomstone.com

LIMITATIONS

Native® Custom Stone brand products should not be assumed to add to the load bearing capacity of a wall. Product should not be used below water level, such as in swimming pool liners. Chlorine and other chemicals may discolor the Native® Custom Stone veneer product and other masonry materials. Product should not be used in areas vulnerable to slush formed by chemicals used to melt ice or snow. Install a minimum of 4" (102 mm) above grade or 2" (51 mm) above pavement. Hearthstones are not recommended or warranted for use or as a surface area subject to foot or auto traffic.

4. Technical Data

APPLICABLE STANDARDS

ASTM International -

- ASTM C39 Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
- ASTM C67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile
- ASTM C91 Standard Specification for Masonry Cement
- ASTM C150 Standard Specification for Portland Cement
- ASTM C177 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
- ASTM C177 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
- ASTM C192 Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
- ASTM C207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C270 Standard Specification for Mortar for Unit Masonry
- ASTM C482 Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement
- ASTM C567 Standard Test Method for Unit Weight of Structural Lightweight Concrete
- ASTM D226 Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing

Uniform Building Code -

- UBC Standard 15-5 for Water Absorption
- UBC Standard 14-1 Kraft Waterproof Building Paper
- UBC Standard 26-10 Parts I and IV; Test Method for Compressive Strength of Cylindrical Concrete Specimens

APPROVALS & ACCEPTANCES -

ICC Evaluation Service, Inc. (ES) ESR #3246

PHYSICAL/CHEMICAL PROPERTIES -

- Compressive strength (ASTM C192/ASTM C39) - 1800 psi (12.4 MPa)
- Bond strength (ASTM C482) - 50 psi (345 kPa)
- Thermal resistance (ASTM C177) - 0.355 per inch (25.4 mm) of thickness



- Freeze/thaw (ASTM C67) - No disintegration and less than 3% weight loss

Note - Test reports and product data are available upon request.

All Native® Custom Stone manufactured stone veneer products are created using noncombustible materials. These materials are inspected on a quarterly basis by QCC, Quality Control Consultants.

5. Installation

Complete installation recommendations are available from the manufacturer and online @ www.nativecustomstone.com

6. Availability & Cost

Native® Custom Stone products are available from a network of distributors, please contact our office or visit our website www.nativecustomstone.com for additional information.

7. Warranty

Native® Custom Stone products are covered for a period of 50 years from the date of purchase when used on a structure which conforms to local building codes and when installed in accordance with building codes and manufacturer's instructions. Native® Custom Stone will repair or provide, free of charge, new materials to replace any determined to be defective.