



CAST-FIT®

SPECIFICATIONS

PRODUCT DESCRIPTION

Cast-Fit® is a large dimensional stone veneer unit with the look and feel of natural cut limestone. Cast-Fit® and all Cultured Stone® branded products are intended for exterior or interior 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. Typically no additional foundation or structural support is required. Installation is quick and easy and costs less than full thickness natural stone.

COMPOSITION & MATERIALS

Cultured Stone® branded products are cast in molds using a unique process that replicates colors and textures with meticulous detail. Each color and texture has its own blend of ingredients, including cement, lightweight aggregates and iron oxide pigments, producing the look and feel of natural stone. Our batch formulation incorporates a minimum of 54% pre-consumer waste stream material into all our Cultured Stone® veneer products.

PRODUCTS



Cast-Fit® CF 8
8" x 16" nominal face dimensions



Cast Fit® CF 12
12" x 24" nominal face dimensions



Cast-Fit® Watertable/Sill Unit CF WTS
2½" x 18" nominal face dimensions
Slope equal to 9.5°

COLORS

The color is designed with an aged look to avoid a monochromatic appearance.

- **French Gray™** – a rich, sophisticated colorway evoking nature's subtle shadows. A warm, weighty neutral, French Gray™ will complement a variety of styles and colors.
- **Parchment™** – a crisp new colorway that brings together three shades of fresh cream. The result is a patina on the face of the stone that hints of timelessness. Parchment™ represents the cool side of the Cast-Fit® neutral palette.

DIMENSIONS

| | Height* | Length | Thickness** |
|----------------|----------------------------------|----------------------------------|-------------|
| 8" x 16" Flat | 7 ⁵ / ₈ " | 15 ⁵ / ₈ " | 1½" |
| 12" x 24" Flat | 11 ⁵ / ₈ " | 23 ⁵ / ₈ " | 1½" |
| WTS | 2½" | 18" | 3" |

*Height as installed on the wall.

**Thickness is projection off the wall.

WEIGHT

Approximately 10 lbs/SF. Product weight will vary based on moisture content.

SUSTAINABILITY

At Boral Stone Products, we strive to meet today's building needs without compromising the world we leave to the future. Sustainability is at the heart of how we do business. And this commitment to thinking and building green is also evident in the design, manufacturing processes and people behind our Cultured Stone® veneer brand.

PRODUCTS FOR A SUSTAINABLE FUTURE

Recycled content. We incorporate a minimum of 54% pre-consumer waste stream material into all our Cultured Stone® veneer products. Third party validated by UL Environment™.

Superior durability. Our products stay beautiful and are capable of years of service. Superior quality control measures, quality raw materials, and industry leading testing provide the confidence to offer a 50-year limited warranty.* We meet or exceed the most stringent building code testing requirements in the industry, including the ICC-ES AC-51. This testing has been evaluated and confirmed by ICC Evaluation Services and documented in ICC ESR 1364. Once installed, our products don't require painting, coating or sealing.

Low emitting. Our products have demonstrated through third-party testing to meet the indoor air quality standards of the GreenguardSM Environmental Institute. In addition, we have met the even more stringent GreenguardSM Children & Schools standard, which represents the most rigorous building product emissions criteria to date.

PROCESSES FOR A SUSTAINABLE FUTURE

Protecting well-being. We operate our manufacturing facilities in a manner that helps protect the health of our employees and the environment.

Recycling water. We've implemented a closed-loop system that allows us to reuse water during manufacturing. As a result, we reduced our water consumption in North America from 2006–2009 by 50% per ton of product produced.

Waste reduction. We've implemented process changes that reduced our landfill waste by 80% per ton of product produced since 2009.

LEED® CERTIFICATION

LEED Certification and the awarding of credits is based on the overall project design, properly designed building systems and construction assemblies and the performance of the project as a whole. Boral Manufactured Stone Veneer Products can be a component of many of these systems and assemblies, with all components within those systems and assemblies being considered in assessing compliance with the LEED Rating System within a given category and credit. Boral Manufactured Stone Veneer Products can contribute in four categories. Specific information is available on our website www.culturedstone.com.

WARRANTY*

For information on our 50 year limited warranty refer to www.culturedstone.com.

INSTALLATION AND CLEANING

Products install as a veneer. Refer to culturedstone.com for installation requirements and suggested cleaning practices. Products are designed and sold to be installed with a 3/8" mortar joint.

AVAILABILITY AND COST

Cast-Fit® is available through dealers where Cultured Stone® products are sold. Delivery times are based on order size and complexity. Contact a dealer in your area for pricing and lead-times. Our dealer network can be located through our website www.culturedstone.com.

TECHNICAL DATA

The Cultured Stone® collection of manufactured stone veneers is engineered to meet or exceed specifications for all major code approvals. Complete copies of these Cultured Stone® manufactured stone veneer building code evaluation reports, research reports, approvals and listings are available upon request:

- ICC-ES ESR-1364
- Florida Product Approval FL15047

- Tested and listed by Underwriters Laboratories, Inc.
- HUD Materials Release No. 1316
- Texas Department of Insurance – Product Evaluation Report, EC-21
- BMEC Authorization

Note: Local building codes may vary; always check with your local building code authority prior to installation.

Results of tests conducted by an independent testing agency confirm that the Cultured Stone® collection of manufactured stone veneers conforms to or exceeds the following test requirements as specified in ICC Evaluation Service Acceptance Criteria 51 for Precast Stone Veneer:

MATERIALS

Cement ASTM C 150 or ACI 318 Section 3.2.1

Sand ASTM C 144 or C 33

Aggregate ASTM C 33 or C 330 (except gradation), C 331

TESTING

Shear Bond Test (adhesion) Tested in accordance with ASTM C 482 >50 psi

Water Absorption Tested in accordance with UBC 15-5 9%–22% depending on texture

Freeze/Thaw Characteristics Testing procedures follow those outlined in ASTM C 67 <3% mass loss

Compressive Strength Tested in accordance with ASTM C 39 >1800 psi @ 28 days

Unit Weight Density is determined in accordance with ASTM C 567 ≤15 lbs. per square foot

Tensile Strength Tested in accordance with ASTM C 190 Reported

Flexural Strength Tested in accordance with ASTM C 348 Reported

Thermal Properties Tested in accordance with ASTM C 177-71 R-value is .620 based on a 1.75" thick sample. Average thickness may vary on different Cultured Stone® veneer products, and the R-value will vary accordingly.

Noncombustible Tested by Underwriters Laboratory Inc. Listed by Underwriters Laboratory Inc., Cultured Stone® branded products showed zero flame spread and zero smoke development.

LIMITATIONS

Cultured 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 Cultured Stone® veneer product and other masonry materials. Product should not be used in areas vulnerable to deicing chemicals or 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.