



# Cultured Stone®

## TECHNICAL DATA SHEET

### Technical Data Sheet

The Cultured Stone® collection of manufactured stone veneers is engineered to meet or exceed specifications for all major code approvals. Manufacturers who offer “just like” or a so-called “equivalent” to Cultured Stone® manufactured stone veneer products should be asked to document claims of test results and research reports.

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 and listed by Underwriters Laboratories, Inc.	Cultured Stone® brand products showed zero flame spread and zero smoke development.

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