

Calcium Silicate Masonry Products 04 73 13-US

PRODUCT DESCRIPTION

<u>BASIC USE</u> Calcium Silicate Masonry Products used in full-bed masonry veneer construction for both interior and exterior applications. Appropriate for use in residential, commercial and institutional building projects.

For thin-clad adhered masonry veneer assembly applications, refer to ARRISCRAFT*DATA 04 73 15 / 04 43 13.16 <u>Thin-Clad Adhered Masonry Veneer Assembly.</u>

COMPOSITION AND MATERIAL Calcium Silicate Masonry Products describes Renaissance® Masonry Units, Evolution Masonry Units, Calcium Silicate Building Stone, and Calcium Silicate Brick. Calcium Silicate Masonry Products are manufactured calcium silicate units containing no Portland cement. They are pressure-formed and autoclave cured, resulting in high-density, severe weathering modular units, with one or more finished faces. Refer to ARRISCRAFT•NOTE – Calcium Silicate Masonry Units for further information. The units may be site cut, trimmed and finished to custom lengths, shapes or sizes, as required on site.

<u>SHAPES AND SIZES</u> Cambridge produced **Renaissance® Masonry Units** are available in a variety of standard sizes:

CODE	HEIGHT	LENGTH	BED
REN358	3-5/8"	23-5/8"	3-5/8"
REN758	7-5/8"	23-5/8"	3-5/8"
REN1158	11-5/8"	23-5/8"	3-5/8"

Renaissance® Masonry Units are also available in custom shapes and sizes, up to a maximum length of 23-5/8" and face rise of 11-5/8". Bed depths are limited to a maximum of 3-5/8" with rocked faced finishes and 4-5/8" with smooth faced finishes. Profiles such as chamfers, notches and bullnoses are available at a premium price. Refer to the Renaissance® Custom Profile Guide for further information or contact your local Arriscraft representative or dealer.

A factory applied coating may be present on the long mortar beds of the units. Consider the need to order finished beds for application where they may be exposed.

Evolution Masonry Units are available in a variety of standard sizes:

CODE	HEIGHT	LENGTH	BED
ELN35	3-5/8"	31-5/8"	3-5/8"
ELN75	7-5/8"	31-5/8"	3-5/8"

Evolution Masonry Units are also available in custom shapes and sizes, up to a maximum length of 31-5/8" and face rise of 7-5/8". Bed depths are limited to a maximum of 3-5/8" with smooth faced finishes. Profiles such as margins, chamfers, notches and bullnoses are available at a premium price.

Calcium Silicate Building Stone (Cambridge, Ontario) is available in a variety of standard sizes:

CODE HEIGHT LENGTH BED Citadel® Building Stone Texture: Tumbled finish CIT/FRE23 2-3/8" Various lengths up to 23-5/8" 3-5/8" CIT/FRE52 5-1/4" Various lengths up to 23-5/8" 3-1/2" CIT81 8-1/8" Various lengths up to 23-5/8" 3-1/2" Edge Rock Building Stone Texture: Split-faced finish 3 1/4" ± 1/4" EDG102 10-1/4" Various lengths up to 31-5/8" 3 1/2" ± 1/2" Fresco Building Stone Texture: Split-faced and Tumbled finish CIT/FRE23 2-3/8" Various lengths up to 23-5/8" 3-5/8" CIT/FRE52 5-1/4" Various lengths up to 23-5/8" 3-1/2" FRE81 8-1/8" Various lengths up to 23-5/8" 3-1/2" Laurier Building Stone Texture: Rocked finish LAU23 2-3/8" Various lengths up to 23-5/8" 3-1/2" LAU41 11" Various lengths up to 23-5/8" 3-1/2" LAU52 5-1/4" Various lengths up to 23-5/8" 3-1/2" MET64 4-1/4" Various lengths up to	,	variety of standard sizes.			
CIT/FRE23 2-3/8" Various lengths up to 23-5/8" 3-5/8" CITS 5-1/4" Various lengths up to 23-5/8" 3-1/2" Edge Rock Building Stone Texture: Split-faced finish SHA/UL50 4-15/16" Various lengths up to 23-5/8" 3 1/2" ± 1/2" Fresco Building Stone Texture: Split-faced and Tumbled finish CIT/FRE23 2-3/8" Various lengths up to 23-5/8" 3-5/8" CIT/FRE52 5-1/4" Various lengths up to 23-5/8" 3-5/8" CIT/FRE52 5-1/4" Various lengths up to 23-5/8" 3-1/2" FRE81 8-1/8" Various lengths up to 23-5/8" 3-1/2" Laurier Building Stone Texture: Rocked finish LAU23 2-3/8" Various lengths up to 23-5/8" 3-1/2" LAU52 5-1/4" Various lengths up to 23-5/8" 3-1/2" LAU52 5-1/4" Various lengths up to 23-5/8" 3-1/2" LAU61 8-1/8" Various lengths up to 23-5/8" 3-1/2" LAU11 11" Various lengths up to 23-5/8" 3-1/2" Metropolitan Building Stone Texture: Sandblasted finish MET20 1-15/16" Various lengths up to 31-5/8" 3-5/8" MET42 4-1/4" Various lengths up to 31-5/8" 3-5/8" MET64 6-1/2" Various lengths up to 31-5/8" 3-5/8" MET64 6-1/2" Various lengths up to 31-5/8" 3-5/8" Shadow Stone Building Stone Texture: Split-faced finish Various lengths up to 23-5/8" 3-5/8" 3-1/4" ± 1/4" SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" SHA/UL52 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" Wrban Ledgestone Building Stone SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-3/8" ± 1/4" Texture: Split-faced finish Texture: Split-	CODE	HEIGHT	LENGTH	BED	
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MET64 6-1/2" Various lengths up to 31-5/8" 3-5/8" Shadow Stone® Building Stone Texture: Split-faced finish 3-5/8" SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" SHA/UL50 4-15/16" Various lengths up to 31-5/8" 3-1/4" ± 1/4" SHA75S 7-5/8" Various lengths up to 23-5/8" 3-3/8" ± 1/4" Urban Ledgestone Building Stone Texture: Split-faced finish SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" UL35 3-5/8" Various lengths up to 31-5/8" 3-1/4" ± 1/4"	MET20	1-15/16"	Various lengths up to 31-5/8"	3-5/8"	
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Urban Ledgestone Building Stone Texture: Split-faced finish SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" UL35 3-5/8" Various lengths up to 31-5/8" 3-1/4" ± 1/4"	SHA/UL50	4-15/16"	Various lengths up to 31-5/8"	3-1/4" ± 1/4"	
Stone Texture: Split-raced finish SHA/UL22 2-5/16" Various lengths up to 23-5/8" 3-5/8" ± 1/4" UL35 3-5/8" Various lengths up to 31-5/8" 3-1/4" ± 1/4"	SHA75S	7-5/8"	Various lengths up to 23-5/8"	3-3/8" ± 1/4"	
UL35 3-5/8" Various lengths up to 31-5/8" $3-1/4" \pm 1/4"$	_	estone Building	Texture: Split-faced finish		
	SHA/UL22	2-5/16"	Various lengths up to 23-5/8"	3-5/8" ± 1/4"	
SHA/UL50 4-15/16" Various lengths up to 31-5/8" 3-1/4" ± 1/4"	UL35	3-5/8"	Various lengths up to 31-5/8"	3-1/4" ± 1/4"	
	SHA/UL50	4-15/16"	Various lengths up to 31-5/8"	3-1/4" ± 1/4"	

Calcium Silicate Building Stone (Fort Valley, Georgia) is available in a variety of standard sizes: Continued....

CODE	HEIGHT	LENGTH BED	
Georgia Citadel® Building Stone		Texture: Tumbled finish	
GC22	2-1/4"	Various lengths up to 23-5/8"	3-7/8"
GC35	3-5/8"	Various lengths up to 23-5/8"	3-5/8"
GC47	4-7/8"	Various lengths up to 23-5/8"	3-1/2"
GC75	7-5/8"	Various lengths up to 23-5/8"	3-3/4"

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CODE	HEIGHT	LENGTH	BED
Coastal B	uilding Stone	Texture: Split or Sawn Finish	
COA21	2-1/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
COA35	3-5/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
COA62	6-1/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
Highfalls I Building S	_edgestone Stone	Texture: Split-faced Finish	
HFL22	2-1/4"	Various lengths up to 23-5/8"	3-13/16"
HFL47	4-7/8"	Various lengths up to 23-5/8"	3-13/16"
HFL75	7-5/8"	Various lengths up to 23-5/8"	3-13/16"
Matterhor	n Building Stone	Texture: Split-faced Finish	
MAT50	4-15/16"	Various lengths up to 23-5/8"	3-7/16" +/- 1/2"
MAT102	10-1/4"	Various lengths up to 23-5/8"	3-1/2" +/- 1/2"
Midtown E	Building Stone	Texture: Split or Sawn Finish	
MID21	2-1/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
MID35	3-5/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
MID57	5-7/8"	Fragmented lengths up to 23-5/8"	2-7/8" +/- 1/8"
Old Count	ry Building Stone	Texture: Split-faced finish	
OC22	2-1/4"	Various lengths up to 23-5/8"	3-13/16"
OC35	3-5/8"	Various lengths up to 23-5/8"	3-13/16"
OC47	4-7/8"	Various lengths up to 23-5/8"	3-13/16"

Shipped material also includes a percentage of shorter random length units which can be used by the installer in creating the ashlar bond patterns and around openings and at internal corners. Contact your local Arriscraft representative or dealer for additional information.

Calcium Silicate Brick is available in a variety of standard sizes: Cambridge, ON produced Brick

CODE	HEIGHT	LENGTH	BED
Contemp	orary Brick Text	ure: Split-faced finish	
CON31	3-1/8"	Various lengths up to 30-3/8"	3-1/2"
Tumbled	Vintage Brick T	exture: Tumbled finish	
TVB31	3-1/8"	10-1/8"	3-1/2"
Architec	Architectural Linear Series Brick Texture: Weathered finish		
LS22	2-1/4"	Various lengths up to 23-5/8"	3-3/4"
Avanti			
AV158	1-5/8"	Random, up to 600 mm (23-5/8")	3-5/8"

Fort Valley, GA produced brick

CODE	HEIGHT	LENGTH	BED
Architectural Linear Series Brick Texture: Weathered finish			
LS22	2-1/4"	Various lengths up to 23-5/8"	3-3/4"
Tumbled Georgia Brick Texture: Tumbled finish			
TGB26	2-3/4"	7-5/8"	2-5/8"

<u>TOLERANCES</u> Calcium Silicate Masonry Products are fabricated to the following tolerances:

Renaissance® Masonry Units and Evolution Masonry Units:

- Unit height and length: +/- 1/8"
- Deviation from square, with the measurement taken using the longest edge as the base: - 1/8"
- Unit bed: +/- 1/8"
- Custom unit dimensions: +/- 1/8"

Finished unit heads can be custom ordered or finished on site by the contractor. With Sandblasted finish, about 15% of units randomly placed on skids come with one acceptable head. Units ordered with finished heads will deviate from the standard dimension. Refer to the table below for the expected deviations when ordering finished heads.

FINISHED HEADS		
Finish	Number of Finished Heads	Reduction in Unit Length
Sandblasted*	1-2	3/8"—3/4"
Rocked	1-2	3/4"—1-1/2"

^{*}Evolution Masonry Units supplied in Sandblasted finish only.

Due to the nature of these finishing operations, the custom dimensions tolerance of $\pm 1/8$ will apply.

Calcium Silicate Building Stone and Calcium Silicate Brick:

- Unit height: +/- 1/8"
- Unit bed: +/- 1/8"

*Split, rocked, or tumbled units, by the nature of their random finish, may have dimensional variations exceeding this value.

Units shall exhibit a texture approximately equal to the approved sample when viewed under diffused daylight illumination at a distance of 6 m (20 feet). Minor chipping resulting from shipment and delivery shall not be grounds for rejection. Minor chips found on *finished* faces shall not be obvious under diffused daylight illumination from a 6 m (20 foot) distance. Chips found on *unfinished* faces are not grounds for rejection.

Split and rocked faces are inspected for cracks and blemishes only, as chippage considerations do not apply when the desired surface texture and unit shape are intended to be uneven.

<u>LIMITATIONS</u> Manufactured masonry products are generally intended for above grade installations. Manufactured masonry veneer units, regardless of their composition, are inherently absorptive, and as such, are not intended for use below grade. Manufactured units installed below grade will wick moisture from the soil that is in contact with the masonry units and create a condition known as "rising damp" in the masonry veneer.

In colder climates, masonry walls at grade may become exposed to de-icing compounds. As with other types of manufactured masonry units, calcium silicate masonry units should not be installed where they will be directly exposed to de-icing compounds used to melt snow and ice from pavements. For information about installing masonry at grade refer to the Arriscraft "At-Grade Design Ideas" brochure.

The function of caps and copings is to prevent moisture from entering the building envelope through the top of the wall. As most manufactured masonry

units are produced in relatively short lengths, if they are used as a cap or coping material, more mortar joints are required between the individual units. These mortar joints are the most likely entry point for moisture to infiltrate the building envelope. As such, it is generally recommended within the industry that longer components, such as quarried stone, cast stone, or metal parapet cap flashing, be used to reduce the number of joints thereby limiting the areas that may allow moisture infiltration of the building envelope.

<u>COLORS AND PATTERNS</u> **Renaissance**® **Masonry Units** are available from our Cambridge, Ontario manufacturing facility in the following standard colors:

CAMBRIDGE, ONTARIO standard colors and finishes

		Fir	nish
	Colors	Sandblasted	Rocked
Monochromatic	Wheat	•	•
Wonochromatic	White	•	•
Monochromatic	Blacksmith	•	•
Range	Carbon	•	•
Striated	Nutmeg	•	•
	Barnboard	•	•
	Bedford	•	•
	Birchbark	•	•
Range	Driftwood	•	•
	Ironstone	•	•
	Sandrift	•	•

FORT VALLEY, GEORGIA standard colors and finishes

			Finish	
	Colors	Smooth	Rocked	Satin
	Champagne		•	•
Monochromatic	Limestone		•	•
	Tan		•	•
Monochromatic Range	Café	•	•	
	Basalt		•	•
Striated	Ginger	•	•	
	Oak Ridge	•	•	
	Magnolia	•	•	
	Montecito		•	•
Range	Mountain Ridge		•	•
	Red Rock	•	•	
	Sunset		•	•

Evolution Masonry Units are available from our Cambridge, Ontario manufacturing facility in the following standard colors:

		Finish
	Colors	Sandblasted
Monochromatic	Wheat	•
	White	•
Monochromatic Range	Carbon	•
Striated	Nutmeg	•

- Monochromatic colors consist of a single hue.
- Monochromatic Range colors consist of a single hue with a subtle distribution of tones that vary from unit to unit.
- Striated colors are multi-hued blend.
- Range colors are multi-hued blend and will contain a distribution of colors or shades that vary from unit to unit.

Calcium Silicate Building Stone (Cambridge, Ontario) is available in the following standard colors:

*Edge Rock for Steel Grey is offered in a SHA/UL50 and EDG102 combination.

** Available in SHA/UL50 only

PRODUCT	COLORS
Citadel®	Cashmere, Charcoal, Driftwood, French Country, Greige, Infinity, Traditional Grey
Edge Rock	Driftwood, Glacier, *Steel Grey
Fresco	Cashmere, Charcoal, Driftwood, French Country, Greige, Infinity, Moonstone, Silverado, Traditional Grey
Laurier	Charcoal, Ivory White, Mahogany, Midnight Grey, Onyx, Opal, Walnut
Shadow Stone®	Avalanche, Charcoal, Driftwood, **Glacier, Steel Grey, Tacoma
Urban Ledgestone	Avalanche, Collingwood, Driftwood, Steel Grey, Tacoma

Calcium Silicate Building Stone (Fort Valley, GA) is available in the following standard colors:

PRODUCT	COLORS
Georgia Citadel®	Cobble Hill, Indiana Blend, Mocha, Rockport, Savannah, Silver Slate, Weatherwood
Coastal	Amalfi, Baja, Black Beach, Cape Cod, Monterey, White Cliff
Highfalls Ledgestone	Beech Mountain, Blackrock, Cloudland
Matterhorn	Augusta, Barnwood, Blueridge, Chalet, Cotton Creek, Saddle
Midtown	Abbey Road, Biscayne, Manhattan, Peachtree, Newbury, Lombard
Old Country	Big Horn, Smoky Mountain

Calcium Silicate Brick (Cambridge, ON) is available in the following standard colors:

PRODUCT	COLORS		
Contemporary Brick	Ivory White, Mystic Grey, Alpine white, Weathered Oak		
Tumbled Vintage Brick	Alpine White, Mystic Grey, Weathered Oak, Ivory White		
Architectural Linear Series Brick	Charcoal, Midnight Grey, Obsidian, Opal, Georgetown (Special), Mahogany (Special), Millstone (Special), Walnut (Special)		
Avanti	Black Coral, Coastal Frog, Ocean Mist, Seahell		

Calcium Silicate Brick (Fort Valley, GA) is available in the following standard colors:

PRODUCT	COLORS
Architectural Linear Series Brick	Burnt Umber, Cedar Woods, Chateau Brown, Evening Shade, Forged Steel, Harbor Grey, Red Sumac, White Pearl
Tumbled Georgia Brick	Sandy Shore, Southern Dusk

Refer to actual color samples and panels for final color selection. Colors within each product group may be blended in a wall to achieve a more natural appearance. Information pertaining to common color blends for each product line is available upon request. Not all colors within a product group are available in all sizes. Contact Arriscraft for a detailed listing of colors and sizes available. Custom colors are also available on a minimum order basis. Contact your local Arriscraft representative or dealer for additional information.

As a manufactured product, Arriscraft masonry unit products are monitored for color consistency. Slight variations between batches may occur, and it is recommended that the installer mix units from different skids during installation.

<u>FINISHES</u> Standard surface finishes for Calcium Silicate Masonry Products include:

- Sandblasted finish: A matte textured, relatively fine-grained uniform smooth surface.
- Rocked finish: A bold rustic finish resulting from hand-chiseling the masonry unit to a set bed depth.
- Split-faced finish: A surface finish resulting from mechanically splitting a manufactured masonry unit to achieve a rough, stone-like texture.
 Some split-faced units may have split fronts and backs.
- Tumbled finish: A finish resulting from splitting, and either tumbling or mechanically aging the pieces to create the rusticated look.
- Weathered finish: A rusticated and bruised finish.

Consultants should review samples prior to selecting a particular color and finish.

TECHNICAL DATA

APPLICABLE STANDARDS Required properties for Calcium Silicate Masonry Products are described in ASTM C73, Standard Specification for Calcium Silicate Face Brick (Sand-Lime Brick). This standard classifies calcium silicate products as either moderate-weathering or severe-weathering depending on the material's tested physical properties of compressive strength and 24-hour absorption.

Calcium Silicate Masonry Products meet and exceed the requirements necessary to comply with the severe-weathering classification.

INSTALLATION

<u>DELIVERY</u> Calcium Silicate Masonry Products are delivered to the site in protective packaging.

<u>HANDLING</u> Lift skids with proper and sufficiently long slings or forks with protection to prevent damage to units. Protect edges and corners.

STORAGE Store Calcium Silicate Masonry Products in a manner designed to prevent damage and staining of units. Stack units on timbers or platforms at least 3" above grade. If skids are stored outdoors for an extended period of time, unwrap the skids, and tarp over them, to encourage airflow between units. Place polyethylene or other plastic film between wood and other finished surfaces of unpackaged units. Stored units should be covered if exposed to extreme weather conditions.

Do not use de-icing compounds to remove ice from masonry veneer surfaces.

<u>PREPARATORY WORK</u> It may be advantageous under hot, dry weather or windy conditions to pre-dampen the units prior to placement in the wall. Damp units should be surface dry at the time of placement.

For additional information when constructing in hot or cold weather refer to the ARRISCRAFT•TECH bulletins titled <u>Hot Weather Masonry Construction</u> and <u>Cold Weather Masonry Construction</u>.

<u>INSTALLATION</u> Arriscraft Masonry products must be installed using approved materials and techniques for each specific installation. Refer to the ARRISCRAFT•CADD Library for applicable details.

Construct masonry veneer with an adequate number of elastic movement joints, properly located to accommodate differential movement. Refer to ARRISCRAFT•NOTE – <u>Building Movement Joints</u> for further information.

JOINT	PRODUCTS
3/8"	Edge Rock, Metropolitan, Shadow Stone®, Urban Ledgestone, Renaissance®, Contemporary Brick, Tumbled Vintage Brick, Tumbled Georgia Brick, Architectural Linear Series Brick, Renaissance® Masonry Units, Evolution, Highfalls Ledgestone
1/2"	Citadel®, Georgia Citadel®, Fresco, Laurier

Construct masonry veneer in accordance with <u>TMS 402</u>, <u>Building Code Requirements for Masonry Structures</u> in United States, and any local requirements stipulated by the authorities having jurisdiction.

Mortar joints between units in any direction should be consistent to the following thicknesses:

Mortar for unit masonry veneer should be a Type N Portland cement-lime mix, proportioned to a 1:1:6 ratio. The ratio refers to:

- 1 part Portland cement (ASTM C150, Type I)
- 1 part hydrated lime (ASTM C207, Type S); and
- 6 parts masonry sand (ASTM C144)

When properly combined with the appropriate quantity of water, it will produce a general-purpose mortar, exhibiting good workability and board life in its plastic state, and good durability and flexibility in its hardened state, and conforming to <u>ASTM C270</u>; <u>Standard Specification for Mortar and Unit Masonry</u>. For further information, refer to ARRISCRAFT•NOTE – <u>Mortar for Masonry Veneer</u>.

Project specific considerations may necessitate the use of other mixes at the designer's discretion. For applications where flexural strength is of particular importance to the design, consult with our Technical Services Department for further recommendations.

Arriscraft recommends constructing masonry veneer with proper drainage mechanisms, including clear draining air spaces, through wall flashing membranes and weep hole vents. The air spaces must be at least 1" wide, and kept clear of debris, protrusions, mortar fins and droppings. Weep hole vents should be installed at the same level as through wall flashing membranes and spaced not more than 24" on center horizontally. Refer to ARRISCRAFT•NOTE – Moisture Management for further information.

Arriscraft Masonry Units must be connected to a structural substrate with an approved masonry connection system, designed by the consultant for each specific installation. Refer to ARRISCRAFT•NOTE – Connectors – Part I, Masonry Ties.

BOND PATTERNS Calcium Silicate Building Stone are each installed using different bonding patterns. These are typically described as a percentage ratio, from the smallest to the largest sized units, as follows: Refer to the Arriscraft Mason's Instructions for illustrations of each recommended bond pattern.

Standard bond patterns may also be modified by changing the ratio of small to large units. Contact your local Arriscraft representative or dealer for specific information on custom bond patterns.

Cambridge Bond Ratio:

PRODUCT	2-UNIT	3-UNIT	4-UNIT	5-UNIT
Citadel®		25:50:25		
Edge Rock	75:25			
Fresco		25:50:25		
Laurier		20:50:30	10:40:30:20	
Metropolitan (Ashlar)		22:45:33		
Metropolitan (Coursed)		17:33:50		
Shadow Stone® (Without UL35)		00 50 00	15:40:30:15	
Shadow Stone® (Without EDG 102)		20:50:30	20:20:40:20	
Shadow Stone®				10:20:40:20:10
Urban Ledgestone (Ashlar)		20:50:30		
Urban Ledgestone (Coursed)		22:33:45		

Fort Valley Bond Ratios:

PRODUCT	2-UNIT	3-UNIT	4-UNIT
Georgia Citadel® (no GC75)		25:50:25	
Georgia Citadel® (no		20:50:30	
Georgia Citadel®			20:20:40:20
Highfalls Ledgestone		25:50:25	
Old Country		40:40:20	
Matterhorn	75:25		

AVAILABILITY AND COST

<u>AVAILABITY</u> Calcium Silicate Masonry Products are available worldwide, as full-bed masonry units. Delivery times for orders will vary based on the complexity of what is required. Arriscraft cannot be responsible for delays due to fire, acts of God, or any other cause beyond its control or which could not be reasonably foreseen.

Contact Arriscraft for a list of dealers in your area.

<u>COST</u> Quoted on a project basis for job-specific manufacturing to project requirements.

WARRANTY

Arriscraft warrants its products against deterioration for the life of the building, provided the products have been erected and used according to accepted masonry standards, within the guidelines of local building codes and as recommended by the manufacturer. Complete warranty information is outlined on the Arriscraft standard form of Product Warranty.

Arriscraft

Calcium Silicate Masonry Products 04 73 13-US

TECHNICAL SERVICES

Arriscraft offers consultation services to assist with the preparation of details, specifications and with pricing. Enquiries are addressed promptly and without obligation.

Arriscraft distributes an integrated technical information system including:

- ARRISCRAFT•CADD: sample details which are available in .dwg, .dxf, and .pdf formats.
- ARRISCRAFT•DATA: product data sheets.
- ARRISCRAFT•NOTE: technical discussions with respect to building construction issues.
- ARRISCRAFT•SPEC: master guide specification Sections.

All of these technical resources are available to be downloaded from the Arriscraft web site at www.arriscraft.com.

Arriscraft also makes available samples for color and finish, coursing charts and copies of test reports upon request.