



General Availability	T	H	L	
Modular	3-9/16	2-1/4	7-5/8	in.
Engineer Modular	3-9/16	2-3/4	7-5/8	in.

BRICK (CHESWICK)  
BRAND: LAWRENCEVILLE BRICK  
TYPE: FACEBRICK-ENGINEER MODULAR  
COLOR: WHITE  
REFERENCE: <https://www.glengery.com/brick-catalog/cheswick>



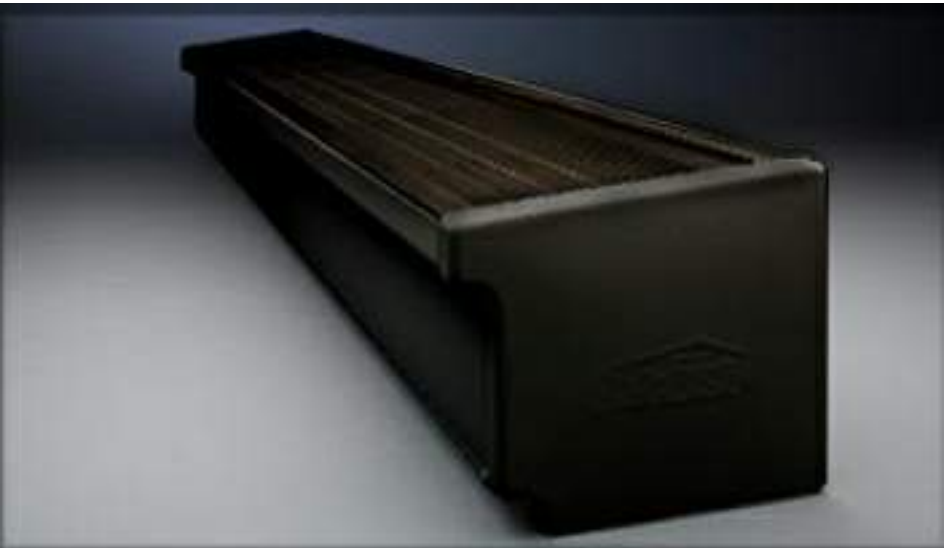
GARAGE DOOR  
REFERENCE: <https://www.garaga.com/ca/garage-doors/contemporary>



ENTRANCE DOOR (NUMBER C 80)  
BRAND: AMBERWOOD DOORS INC.  
REFERENCE: <https://amberwooddoors.com/products/exterior/side-light-entry-doors/>



SHINGLE (MARATHON™ PLUS AR)  
BRAND: IKO  
TYPE: DUAL BLACK  
REFERENCE: <https://www.iko.com/na/residential-roofing-shingles/three-tab/marathon-plus-ar/>



EAVES  
BRAND: AVENUE ROAD ROOFING  
REFERENCE: <https://www.avenueroadroofing.com/services/residential-commercial/eavestrough-systems/>



WINDOWS AND SLIDING DOORS MATERIAL AND COLOR  
REFERENCE: <https://marvincanada.com/wp-content/uploads/2019/02/Marvin-Modern-Brochure.pdf>

## ATTACHMENT 6

65 WALLACE ST, WOODBRIIDGE ONTARIO L4L 2P2		No.	Description	Date	ARCHITECTS <div> TORONTO - CANADA info@qbsarchitects.com</div>	<div></div>	MATERIAL BOARD						
		07	ISSUED FOR PAC MEETING	2020-12-07			PROJECT NUMBER	200131	DRAWING STATUS  ISSUED FOR HERITAGE				
		06	ISSUED FOR HERITAGE	2020-12-03			DATE	12/14/20					
		05	ISSUED FOR TRCA	2020-11-30			DRAWN	JB					
		STAGE  HRT	DRAWING NO.  A4-001	04			ISSUED FOR HERITAGE REPORT	2020-11-26	CHECKED	SA	SCALE	REVISION	02
				03			REISSUED FOR TRCA	2020-10-23					
02	ISSUED FOR HERITAGE			2020-12-16									
		01	ISSUED FOR HERITAGE	2020-12-07									



# Cheswick

Save Product Compare Brick

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## Product Information:

Brand: Lawrenceville Brick

Type: Facebrick

Color: White

Style: Extruded

Plant: Lawrenceville

Series/Collection: Family Estate Series

Texture/Finish: Tumbled



## Glen-Gery Extruded Brick

### General

Glen-Gery manufactures many sizes of extruded bricks in a multitude of shades and textures to accommodate the visual requirements of most projects. The more popular extruded bricks have a nominal four inch bed depth. These extruded units are often referred to as cored, stiff mud, or wirecut bricks. To differentiate between wirecut bricks and wirecut finishes, Glen-Gery refers to the wirecut finish as a velour texture.



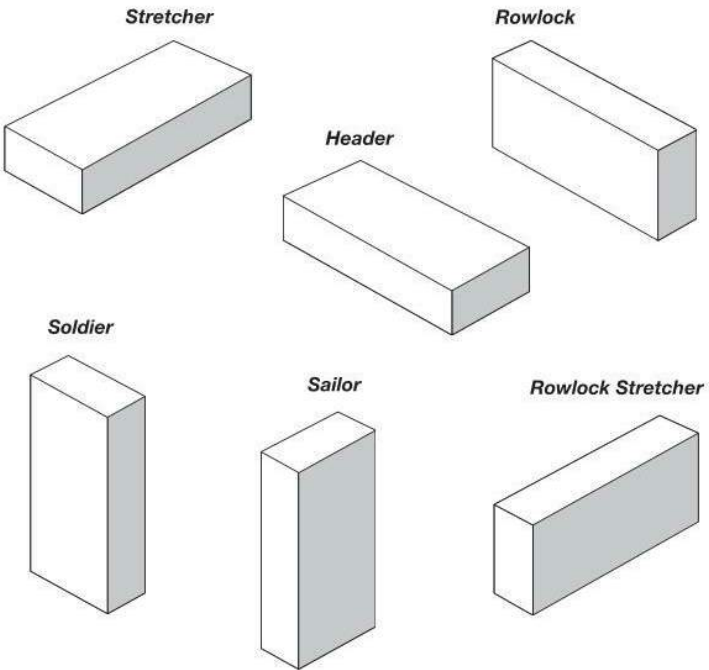
### Unit Specifications

Glen-Gery extruded bricks are typically manufactured to conform to the requirements of American Society for Testing and Materials (ASTM) Standard Specification C 216, Grade SW, Type FBS and all grades of ASTM C 62. In some instances brick are manufactured to conform to ASTM C652 which includes increased core volume. These products also conform to the requirements of ASTM C 216, Grade MW. Certain products meet the requirements of ASTM C 216, Type FBX, ASTM C 902, ASTM C 652, or ASTM C 32. Inquiries should be made for specific applications or conformance to standards other than ASTM C 216 or C 62. When specifying this product, the specifications should cite:

- 1) The product name and state "as manufactured by Glen-Gery Corporation."
- 2) Conformance to the requirements of the appropriate standard, (typically, ASTM C 216 or C652).
- 3) The actual unit dimensions listed as thickness x height x length.

Example: Glenrose Battlefield as manufactured by Glen-Gery Corporation to conform to the requirements of ASTM C 216, Grade SW, Type FBS. The units shall have dimensions of 3-5/8" X 2-1/4" X 7-5/8".

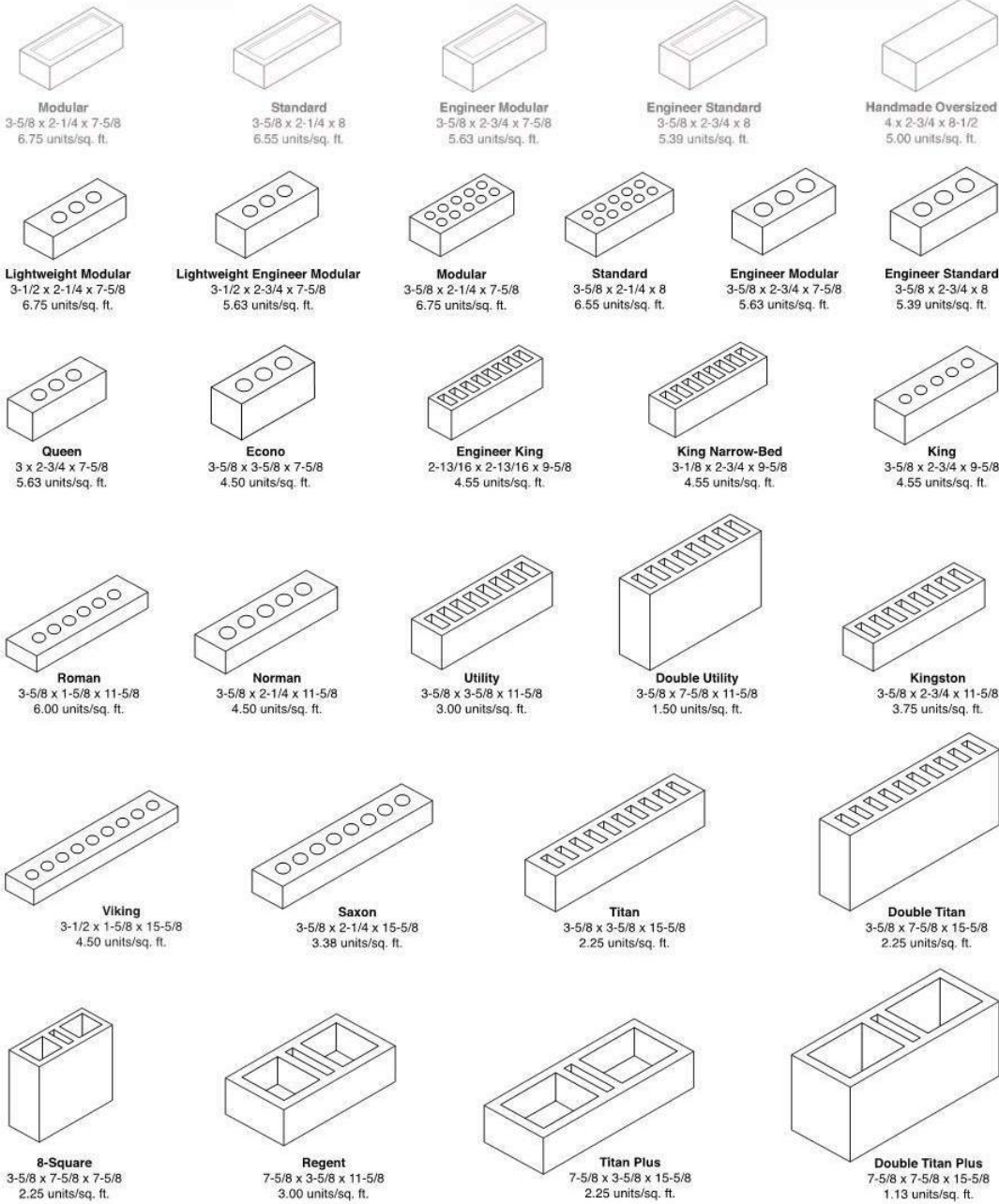
### Brick Positions in a Wall



1

65 WALLACE ST, WOODBIDGE ONTARIO L4L 2P2		No.	Description	Date	ARCHITECTS  TORONTO - CANADA info@qbsarchitects.com		BRICK SPECIFICATION		
STAGE <b>HRT</b>	DRAWING NO. <b>A4-002</b>	07	ISSUED FOR PAC MEETING	2020-12-07			PROJECT NUMBER	200131	DRAWING STATUS
		06	ISSUED FOR HERITAGE	2020-12-03			DATE	12/14/20	ISSUED FOR HERITAGE
		05	ISSUED FOR TRCA	2020-11-30			DRAWN	JB	
		04	ISSUED FOR HERITAGE REPORT	2020-11-26			CHECKED	SA	
		03	REISSUED FOR TRCA	2020-10-23			SCALE		REVISION
		02	ISSUED FOR HERITAGE	2020-12-16					02
		01	ISSUED FOR HERITAGE	2020-12-07					

Glen-Gery Brick Sizes



Coring and frogs are at the manufacturer's option. Actual coring patterns may not match the illustrations. Contact plant for specific information on sizing and coring.

Glen-Gery Extruded Brick

Revised 1/2019

TABLE 1  
Brick Size, Coverage and Weight

Brick Size	Specified Dimension						Brick per square foot	Average Weight	
	Thickness (inches) (mm)	Height (inches) (mm)	Length (inches) (mm)	Length (inches) (mm)	Length (inches) (mm)	Length (inches) (mm)		per unit	(kg)
Queen	3	76	2-3/4	70	7-5/8	194	5.63	4.0	1.8
Lightweight Modular	3-1/2	89	2-1/4	57	7-5/8	194	6.75	3.4	1.5
Lightweight Engineer Modular	3-1/2	89	2-3/4	70	7-5/8	194	5.63	4.0	1.8
Modular	3-5/8	92	2-1/4	57	7-5/8	194	6.75	4.0	1.8
Engineer Modular	3-5/8	92	2-3/4	70	7-5/8	194	5.63	4.8	2.2
Econo	3-5/8	92	3-5/8	92	7-5/8	194	4.50	6.2	2.8
8-Square	3-5/8	92	7-5/8	194	7-5/8	194	2.25	14.1	6.4
Standard	3-5/8	92	2-1/4	57	8	203	6.55	4.2	1.9
Engineer Standard	3-5/8	92	2-3/4	70	8	203	5.39	5.0	2.3
King Narrow-Bed	3-1/8	79	2-3/4	70	9-5/8	244	4.55	4.8	2.2
Engineer King	2-13/16	71	2-13/16	71	9-5/8	244	4.55	5.0	2.3
King	3-5/8	92	2-3/4	70	9-5/8	244	4.55	7.5	3.4
Roman	3-5/8	92	1-5/8	41	11-5/8	295	6.00	3.0	1.4
Norman	3-5/8	92	2-1/4	57	11-5/8	295	4.50	6.0	2.7
Utility	3-5/8	92	3-5/8	92	11-5/8	295	3.00	9.6	4.4
Double Utility	3-5/8	92	7-5/8	194	11-5/8	295	1.50	19.2	8.7
Kingston	3-5/8	92	2-3/4	70	11-5/8	295	3.75	7.0	3.2
Viking	3-1/2	89	1-5/8	41	15-5/8	397	4.50	5.9	2.7
Saxon	3-5/8	92	2-1/4	57	15-5/8	397	3.38	7.7	3.5
Titan	3-5/8	92	3-5/8	92	15-5/8	397	2.25	14.1	6.4
Double Titan	3-5/8	92	7-5/8	194	15-5/8	397	1.13	27.0	12.2
Regent*	7-5/8	194	3-5/8	92	11-5/8	295	3.00	15.5	7.0
Titan Plus*	7-5/8	194	3-5/8	92	15-5/8	397	2.25	20.0	9.1
Double Titan Plus*	7-5/8	194	7-5/8	184	15-5/8	397	1.13	40.0	18.1

\*Manufactured to meet ASTM C652 H40V

Design Criteria

Size:

Table 1 provides the many sizes in which Glen-Gery manufacturers extruded brick.

Dimensional Tolerances:

Glen-Gery extruded bricks are manufactured to provide specific dimensional tolerances. The dimensional tolerances of the product are intended to be within the requirements of ASTM C 216, Type FBS for general use. Some products (including but not limited to those manufactured at the Hanley Plant) are manufactured to meet Type FBX. The product ordered will generally contain a number of units which are over or under the specified dimensions. The dimensional variations are related to

the raw materials, forming, drying and firing processes, and the desired finish and color. Thus, for some products, all the units may be slightly over or slightly under the specified dimensions. Inquiries should be made regarding the dimensional variations which might be expected if project detailing requires precise coursing. Specialty products or gauged products may be desirable for such applications.

Configurations:

These units are manufactured to conform to the requirements of applicable ASTM standards. The solid units (meeting ASTM C216 or C62) may have cores which create an aggregate void space of up to 25% of the gross cross-sectional area in every plane parallel to the bearing surface. Hollow

Units, meeting ASTM C652 H40V, may be cored up to 40% of the gross cross sectional area parallel to the bearing surface. Core size, shape and location are determined by the manufacturing facility. The units may also be available as 100% solid units. If 100% solid units are desired, availability must be confirmed when ordering. In addition to 100% solid units, variations in core size and configuration may be available on special order.

Weight:

The weight of the brick units varies with the raw material, size, manufacturing processes, and the amount and configuration of the coring. While actual weight of specific brick should be confirmed, average weight of each size extruded brick manufactured by Glen-Gery is included in Table 1.

65 WALLACE ST, WOODBIDGE ONTARIO L4L 2P2		No.	Description	Date	ARCHITECTS  TORONTO - CANADA info@qbsarchitects.com		BRICK SPECIFICATION 2		
STAGE <b>HRT</b>	DRAWING NO. <b>A4-003</b>	07	ISSUED FOR PAC MEETING	2020-12-07			PROJECT NUMBER	200131	DRAWING STATUS
		06	ISSUED FOR HERITAGE	2020-12-03			DATE	12/14/20	ISSUED FOR HERITAGE
		05	ISSUED FOR TRCA	2020-11-30			DRAWN	JB	
		04	ISSUED FOR HERITAGE REPORT	2020-11-26			CHECKED	SA	
		03	REISSUED FOR TRCA	2020-10-23			SCALE		REVISION
		02	ISSUED FOR HERITAGE	2020-12-16					02
		01	ISSUED FOR HERITAGE	2020-12-07					

Finishes:

Glen-Gery extruded bricks are available in a variety of textures. The textures include smooth, velour, bar, rug, matt, paper cut, scored, rockface, slurry and sand finishes. The availability of a particular finish is usually dependent on the specific product. Certain finishes (i.e. bark) are not available on shapes.

Color:

Glen-Gery extruded brick are available in a multitude of color blends. The colors available include various shades of red, brown, gray, buff, and white. Some colors are the natural colors of the fired raw materials, while others are produced by fusing a surface treatment onto the surface of the brick during firing or adding minerals to the bodies of the brick. If through body colors are desired, inquiries should be made regarding the availability of the desired colors. The color selection may also be limited by the product selected and the desired finish.

Shapes:

Standard brick shapes are dimensioned to course properly with nominal 4" thick brick sizes. While the 'standard' brick shapes are described in the Glen-Gery Standard Shapes Catalog, "Brick Shapes", they are not stock items. Typical extruded brick shapes, as described in the catalogue, include various configurations of bullnose, watertable, corner, radial, shelf angle, sill, and coping units. Shapes dimensioned for coursing with other brick sizes, and shapes having configurations to fit specific project requirements are also available. These nonstandard shapes require detailed dimension drawings which must be submitted to and approved by Glen-Gery. In order to achieve the effects desired by the designer, some shape designs may require coring which does not meet the requirements of ASTM C 216. All shapes should be identified early in the project design because certain shape configurations may require special forming, drying, or firing processes. These processes may require more time or different scheduling than the non-shape brick.

Physical Properties of Units

Compressive Strength:

Average gross compressive strength exceeds 3,000 psi when tested with the loads applied normal to the bedding surface. Typically, the average compressive strength exceeds 7,000 psi and may be as high as 30,000 psi for brick manufactured to meet ASTM C216. The actual compressive strength depends upon the specific product, and size selected.

Water Absorption:

The average maximum hot-water absorption by submersion in boiling water for five hours is less than 17% and will typically be less than 9%. The average saturation coefficient is generally less than 0.78. In instances where the saturation coefficient exceeds 0.78, the cold water absorption for Glen-Gery brick is less than 8% and the units meet the requirements of ASTM C216, Grade SW.

Initial Rate of Absorption (IRA):

The initial rate of absorption (suction) normally does not exceed 30 grams per 30 square inches per minute under laboratory conditions. However, brick can be checked on the site to determine if wetting is necessary prior to laying unless familiarity with the product has demonstrated that wetting is not required. The procedure for determining wetting requirements is the field test procedure described in ASTM C 67. If this test is not practical, the need for wetting may be estimated by the following field test:

- 1) Place a \$.25 piece on a bearing surface of a typical unit.
- 2) Draw a ring around the quarter with a wax pencil.
- 3) Place twenty drops of water within the ring.
- 4) If unabsorbed water remains after 1-1/2 minutes, the units likely do not require wetting. If all the water is absorbed into the unit, the units should be wetted prior to laying.

Properties of Walls

Compressive Strength:

The minimum assumed compressive strength for a brick wall, using good workmanship and ASTM C270 Type N mortar, is 1,000 psi. Assemblies constructed with most Glen-Gery extruded bricks manufactured to meet ASTM C216 will provide a minimum assumed compressive strength of 2,000 psi, when used with good workmanship and Type N mortar. Specific products may provide assumed wall compressive strengths as high as 3,000 psi when used with good workmanship and Type N mortar. For grouted clay masonry, use grout that conforms to ASTM C476 with a minimum compressive strength of 2,000 psi. Reference: Specification for Masonry Structures (TMS 602/ACI 530.1/ASCE 6).

Thermal Performances:

The thermal resistivity of Glen-Gery extruded brick is approximately 0.11 (hr • sq. ft. • deg f)/(Btu • in.). A nominal four-inch wythe, excluding air films, will provide a thermal resistance of approximately 0.40 (hr • sq. ft. • deg f)/(Btu). The thermal resistivity is used to predict the thermal performance of wall elements under steady-state conditions. The mass and specific heat of this product provide additional benefit when subjected to the dynamic conditions of the natural environment. As described in the American Society of Heating Refrigerating and Air-Conditioning Engineers (ASHRAE) Standard 90.1, the effects of mass, specific heat, and the color of the brick should be considered. Reference: BIA Technical Notes on Brick Construction 4 Revised, "Heat Transmission Coefficients of Brick Masonry Walls", 4B Revised, "Energy Code Compliance of Brick Masonry Walls" and 43D, "Brick Passive Solar Heating Systems, Part IV – Material Properties."

Sound Transmission:

A nominal four-inch wythe of brick masonry has a sound transmission classification (STC) of approximately 45. Reference: BIA Technical Notes on Brick Construction 5A, "Sound Insulation – Clay Masonry Walls."

Fire Resistance:

Fire resistance ratings are directly related to wall assembly including the equivalent thickness of masonry. For example: A nominal 4-inch wythe of clay masonry alone provides a one hour fire rating while a fully grouted regent size unit (7-5/8" thick) can provide a 4-hour fire rating. Fire ratings can be determined through Testing (per ASTM E119) or calculated in accordance with the International Building Code (IBC) or Code Requirements for Determining Fire Resistance of Concrete Masonry Construction Assemblies ACI 216.1/TMS 0216. Reference: BIA Technical Notes on Brick Construction 16 Revised, "Fire Resistance of Brick Masonry."

Coefficient of Thermal Expansion:

Brick walls constructed of Glen-Gery extruded brick have a coefficient of thermal expansion of approximately 0.000004 in. (in. • °F) as listed in The Building Code Requirements for Masonry Structures (TMS 402/ACI 530/ASCE 5) . A one hundred foot length (or height) of wall constructed of Glen-Gery extruded brick, and exposed to an annual extreme temperature difference of 100 °F, is expected to experience a total thermal movement of approximately one-half inch.

Coefficient of Moisture Expansion:

The coefficient of moisture expansion of Glen-Gery extruded brick veneer is less than 0.0005 in./in. Although most of the

moisture expansion of Glen-Gery extruded brick occurs immediately after the brick are fired, before the brick arrive at the job site, the maximum design moisture expansion of one-hundred foot long (or high) wall constructed of these products is less than five-eighths of an inch.

Construction

Storage and Protection:

Store brick off ground to avoid contamination by water, mud, dust or materials likely to cause staining or other defects. Do not use cubes of brick as supports or work surfaces. Cover units with a weather resistant membrane held securely in place or otherwise protect units from the elements.

TABLE 2  
Brick and Mortar Quantities<sup>1</sup>  
Nominal 3/8 Inch Mortar Joints

Brick Size	Vertical Coursing in courses per inch	Units per square foot	Cubic Foot per 100 square foot	Quantity of Mortar per 1000 units
Queen	5 Courses per 16"	5.63	3.97	7.05
Lightweight Modular	3 Courses per 8"	6.75	5.28	7.82
Lightweight Engineer Modular	5 Courses per 16"	5.63	4.63	8.22
Modular	3 Courses per 8"	6.75	5.46	8.10
Engineer Modular	5 Courses per 16"	5.63	4.79	8.52
Econo	1 Course per 4"	4.50	4.12	9.15
8-Square	1 Course per 8"	2.25	2.77	12.29
Standard	3 Courses per 8"	6.55	4.12	6.29
Engineer Standard	5 Courses per 16"	5.39	4.75	8.81
King Narrow-Bed	5 Courses per 16"	4.55	3.96	8.70
Engineer King	5 Courses per 16"	4.55	2.67	5.87
King	5 Courses per 16"	4.55	4.59	10.09
Roman	4 Courses per 8"	6.00	6.43	10.72
Norman	3 Courses per 8"	4.50	5.06	11.24
Utility	1 Course per 4"	3.00	3.69	12.29
Double Utility	1 Course per 8"	1.50	2.32	15.44
Kingston	5 Courses per 16"	3.75	4.37	11.66
Viking	4 Courses per 8"	4.50	5.06	11.24
Saxon	3 Courses per 8"	3.38	4.86	14.39
Titan	1 Course per 4"	2.25	3.47	15.44
Double Titan	1 Course per 8"	1.13	2.10	18.59
Regent*	1 Course per 4"	3.00	6.98	23.27
Titan Plus*	1 Course per 4"	2.25	6.58	29.23
Double Titan Plus*	2 Courses per 16"	1.13	2.63	23.27

<sup>1</sup> These values are actual quantities and must be increased for waste and any possible construction requirements which may necessitate additional quantities.

\*Manufactured to meet ASTM C652 H40V

65 WALLACE ST,  
WOODBRI  
L4L 2P2

STAGE

HRT

DRAWING NO.

A4-004

No.

Description

Date

07

ISSUED FOR PAC MEETING

2020-12-07

06

ISSUED FOR HERITAGE

2020-12-03

05

ISSUED FOR TRCA

2020-11-30

04

ISSUED FOR HERITAGE REPORT

2020-11-26

03

REISSUED FOR TRCA

2020-10-23

02

ISSUED FOR HERITAGE

2020-12-16

01

ISSUED FOR HERITAGE

2020-12-07

ARCHITECTS

QBS

ARCHITECTS INC

TORONTO - CANADA

info@qbsarchitects.com

ONTARIO ASSOCIATION  
OF  
ARCHITECTS  
SABA  
SABA AL MATHNO  
LICENCE  
6963

BRICK SPECIFICATION 3

PROJECT NUMBER200131

DATE12/14/20

DRAWNJB

CHECKEDSA

DRAWING STATUS

ISSUED FOR HERITAGE

SCALE

REVISION02

2020-12-16 10:23:41 AM

Glen-Gery Extruded Brick

Revised 1/2019

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Water Absorption:

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Glen-Gery Extruded Brick

Revised 1/2019

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Lightweight Modular	3 Courses per 8"	6.75	5.28	7.82
Lightweight Engineer Modular	5 Courses per 16"	5.63	4.63	8.22
Modular	3 Courses per 8"	6.75	5.46	8.10
Engineer Modular	5 Courses per 16"	5.63	4.79	8.52
Econo	1 Course per 4"	4.50	4.12	9.15
8-Square	1 Course per 8"	2.25	2.77	12.29
Standard	3 Courses per 8"	6.55	4.12	6.29
Engineer Standard	5 Courses per 16"	5.39	4.75	8.81
King Narrow-Bed	5 Courses per 16"	4.55	3.96	8.70
Engineer King	5 Courses per 16"	4.55	2.67	5.87
King	5 Courses per 16"	4.55	4.59	10.09
Roman	4 Courses per 8"	6.00	6.43	10.72
Norman	3 Courses per 8"	4.50	5.06	11.24
Utility	1 Course per 4"	3.00	3.69	12.29
Double Utility	1 Course per 8"	1.50	2.32	15.44
Kingston	5 Courses per 16"	3.75	4.37	11.66
Viking	4 Courses per 8"	4.50	5.06	11.24
Saxon	3 Courses per 8"	3.38	4.86	14.39
Titan	1 Course per 4"	2.25	3.47	15.44
Double Titan	1 Course per 8"	1.13	2.10	18.59
Regent*	1 Course per 4"	3.00	6.98	23.27
Titan Plus*	1 Course per 4"	2.25	6.58	29.23
Double Titan Plus*	2 Courses per 16"	1.13	2.63	23.27

<sup>1</sup> These values are actual quantities and must be increased for waste and any possible construction requirements which may necessitate additional quantities.

\*Manufactured to meet ASTM C652 H40V

65 WALLACE ST,  
WOODBIDGE ONTARIO  
L4L 2P2

STAGE

HRT

DRAWING NO.

A4-005

No.

Description

Date

07

ISSUED FOR PAC MEETING

2020-12-07

06

ISSUED FOR HERITAGE

2020-12-03

05

ISSUED FOR TRCA

2020-11-30

04

ISSUED FOR HERITAGE REPORT

2020-11-26

03

REISSUED FOR TRCA

2020-10-23

02

ISSUED FOR HERITAGE

2020-12-16

01

ISSUED FOR HERITAGE

2020-12-07

ARCHITECTS

QBS

ARCHITECTS INC

TORONTO - CANADA

info@qbsarchitects.com

ONTARIO ASSOCIATION  
OF  
ARCHITECTS  
SABA  
SABA AL MATHNO  
LICENCE  
6963

BRICK SPECIFICATION 4

PROJECT NUMBER200131

DATE12/14/20

DRAWNJB

CHECKEDSA

DRAWING STATUS

ISSUED FOR HERITAGE

SCALE

REVISION02

2020-12-16 10:23:42 AM





5-5/8" EXPOSURE



FastLock® SEALANT

# Take that New Roof Back to Beautiful Basics.

IKO Marathon traditional shingles are of solid construction and a 3-tab design that has always been popular with homeowners.

Their large metric size means these shingles go down fast and easy, to save you time and labour. And IKO's Fastlock® modified bitumen sealant is thick and aggressive to promote a strong bond.

IKO's advanced colour blending technology produces a wide array of consistent, yet exciting colour blends for any style of home.





SPECIFICATIONS <sup>3</sup>	Limited Warranty <sup>1</sup>	25 Years	Dimensions (L x W)	39 3/8 in (1000 mm) x 13 1/4 in (336 mm)	STANDARDS <sup>4</sup>	ASTM D3462
	Iron Clad Protection <sup>1</sup>	5 Years	Exposure	5 5/8 in (143 mm)		ASTM D3018
	Limited Wind Warranty <sup>1</sup>	112 km/h (70 mph)	Coverage Per Bundle	32 1/3 ft <sup>2</sup> (3.0 m <sup>2</sup> )		ASTM D7158 - Class H
	Limited High Wind Warranty Upgrade <sup>1,2</sup>	129 km/h (80 mph)				ASTM D3161 - Class F
	Blue-green Algae Resistant <sup>1,5</sup>	Yes	Shingles Per Square	65		ASTM E108/UL 790 - Class A
						CSA A123.5



To ensure complete satisfaction, please view several full size shingles and an actual roof installation prior to final colour selection as the shingle swatches and photography shown online, in brochures and in our app may not accurately reflect shingle colour, and do not fully represent the entire colour blend range, nor the impact of sunlight.

<sup>1</sup>See Limited Warranty at IKO.com for complete terms, conditions, restrictions, and application requirements. Shingles must be applied in accordance with application instructions and local building code requirements. <sup>2</sup>High Wind Application is required. <sup>3</sup>All values shown are approximate. <sup>4</sup>Products developed with reference to these Standards. <sup>5</sup>Marathon Plus AR features an algae-resistant granule that helps inhibit discoloration caused by blue-green algae.

**Note:** Product and colour availability may vary by region. The information in this literature is subject to change without notice. We assume no responsibility for errors that may appear in this literature. Find out more about our products now by talking to an IKO sales representative, your professional roofing contractor or contact us directly at: Canada 1-855-IKO-ROOF (1-855-456-7663), United States 1-888-IKO-ROOF (1-888-456-7663) or visit our website at: IKO.COM.



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65 WALLACE ST, WOODBRIIDGE ONTARIO L4L 2P2		No.	Description	Date	ARCHITECTS <div> TORONTO - CANADA info@qbsarchitects.com</div>	<div></div>	SHINGLE SPECIFICATION						
		07	ISSUED FOR PAC MEETING	2020-12-07			PROJECT NUMBER	200131	DRAWING STATUS  ISSUED FOR HERITAGE				
		06	ISSUED FOR HERITAGE	2020-12-03			DATE	12/14/20					
		05	ISSUED FOR TRCA	2020-11-30			DRAWN	JB					
		STAGE  HRT	DRAWING NO.  A4-006	04			ISSUED FOR HERITAGE REPORT	2020-11-26	CHECKED	SA	SCALE	REVISION	02
				03			REISSUED FOR TRCA	2020-10-23					
02	ISSUED FOR HERITAGE			2020-12-16									
		01	ISSUED FOR HERITAGE	2020-12-07									



FEATURES

Large expanses of glass for maximum views with numerous configurations and sizes available

Consistent panel thickness with narrow stiles and rails, regardless of configuration or size

Minimalist hardware designed for superior functionality, features a sleek and modern form

Three sill options are available in flush, performance, and high performance

HARDWARE

Minimal pull and latch handles

Keyed or non-keyed options available

Multipoint lock

Quad rollers with end adjustment

GLASS OPTIONS

Dual or Triple-Pane insulated glass

Argon or Krypton-Argon blend gas

Black spacer and silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

Specialty glass: Frosted, Obscure, and Gray or Bronze tint

ADD-ONS

Automatic Control

Lock Status Sensor

Screen options available

PERFORMANCE RATINGS

Uni-Directional Stacked up to LC-PG45-SD

Uni-Directional Pocket up to LC-PG40-SD

Bi-Parting Stacked up to LC-PG40-SD

Bi-Parting Pocket up to LC-PG40-SD

Dual-Pane IG Low E2 with Argon 0.28 U-factor

MULTI-SLIDE CONFIGURATIONS AND SIZING

Over 30 Configurations available

Uni-Directional configurations: 1 to 6 panels, available in stacked or pocket

Bi-Parting configurations: 2 to 10 panels, available in stacked or pocket

Sized to order up to 6' x 12' panels

Meeting stiles are less than 3" wide

https://marvincanada.com/wp-content/uploads/2019/02/Marvin-Modern-Brochure.pdf

65 WALLACE ST, WOODBIDGE ONTARIO L4L 2P2		No.	Description	Date	ARCHITECTS <div> TORONTO - CANADA info@qbsarchitects.com</div>	<div></div>	SLIDING DOORS SPECIFICATION						
		07	ISSUED FOR PAC MEETING	2020-12-07			PROJECT NUMBER	200131	DRAWING STATUS  ISSUED FOR HERITAGE				
		06	ISSUED FOR HERITAGE	2020-12-03			DATE	12/14/20					
		05	ISSUED FOR TRCA	2020-11-30			DRAWN	JB					
		STAGE  HRT	DRAWING NO.  A4-007	04			ISSUED FOR HERITAGE REPORT	2020-11-26	CHECKED	SA	SCALE	REVISION	02
				03			REISSUED FOR TRCA	2020-10-23					
02	ISSUED FOR HERITAGE			2020-12-16									
		01	ISSUED FOR HERITAGE	2020-12-07									

ALUMINUM WINDOWS BY MARVIN OR SIMILAR

FEATURES

- Large expanses of glass for maximum views with numerous configurations and sizes available
- Rectangular and polygon shapes
- Frame recess accepts a drywall return for seamless integration
- Horizontal or vertical ribbon mulling capabilities
- Non-certified mulling capabilities

GLASS OPTIONS

- Dual or Triple-Pane insulated glass
- Interior cover depths vary based on OA glass thickness
- Argon or Krypton-Argon blend gas
- Black spacer and silicone sealant
- Low E1, E2, E3, ELR, or ERS glass options
- Specialty glass: Frosted, Obscure, and Gray or Bronze Tint

MULLING

- Mulled frames are less than 3" wide
- Approximate 3" frame divider simulates a mulled Direct Glaze frame

CONFIGURATIONS AND SIZING

- Max Frame Size Certified141 3/8" x 93 3/8"
- Jamb depth4 1/2"
- Rectangle /Square
- Isosceles Triangle
- Right Triangle, right or left
- Trapezoid, right or left
- Pentagon

SINGLE UNIT  
PERFORMANCE RATINGS

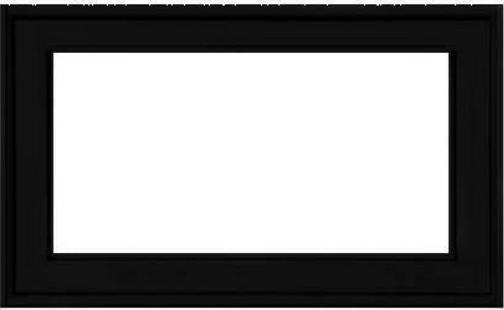
Air Tested to PSF	6.24
Water Tested to PSF	12.1
WDMA Performance Grade	CW-PG40-FW
Max Frame Size Height	93 3/8"
Max Frame Size Width	141 3/8"

VERTICAL OR HORIZONTAL MULLED UNITS  
PERFORMANCE RATINGS

Air Tested to PSF	1.57
Water Tested to PSF	6.0
WDMA Performance Grade	CW-PG40-FW
Max Frame Size Height	96"
Max Frame Size Width	168"
Max Tributary Width or Height	84"

NRFC THERMAL U-FACTOR

Dual-Pane IG Low E2 with Argon	0.28
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MATTE BLACK

<https://marvincanada.com/>

65 WALLACE ST, WOODBRI L4L 2P2		No.	Description	Date	ARCHITECTS <div> TORONTO - CANADA info@qbsarchitects.com</div>	<div></div>	WINDOWS SPECIFICATION				
		07	ISSUED FOR PAC MEETING	2020-12-07							
		06	ISSUED FOR HERITAGE	2020-12-03			PROJECT NUMBER	200131	DRAWING STATUS ISSUED FOR HERITAGE		
		05	ISSUED FOR TRCA	2020-11-30			DATE	12/14/20			
		04	ISSUED FOR HERITAGE REPORT	2020-11-26			DRAWN	JB			
		03	REISSUED FOR TRCA	2020-10-23			CHECKED	SA	SCALE	REVISION	02
		02	ISSUED FOR HERITAGE	2020-12-16							
01	ISSUED FOR HERITAGE	2020-12-07									