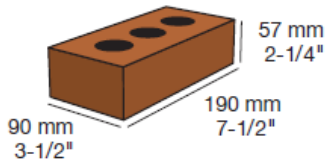
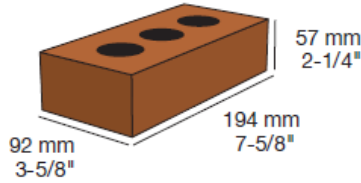


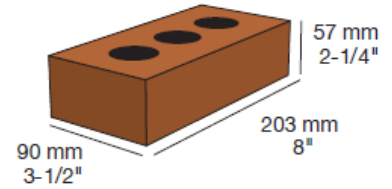
PRODUCTION SIZES



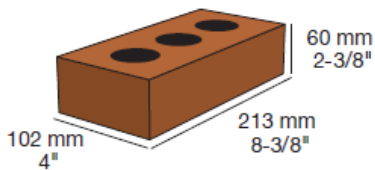
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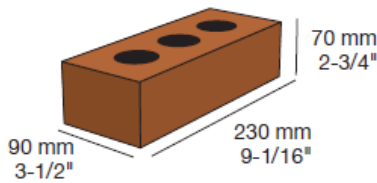
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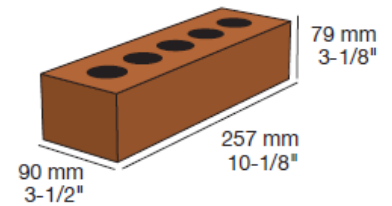
Quebec (MOD)



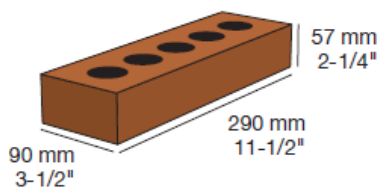
Ontario (ONT)



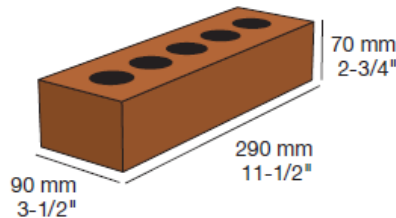
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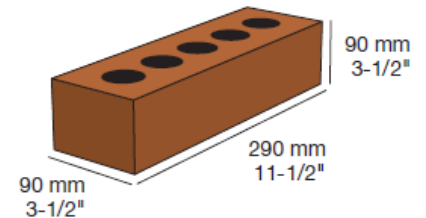
MAX



Metric Norman (MNO)



Engineer Norman (ENN)



Metric Jumbo (MJU)

TYPICAL CLAY BRICK PHYSICAL PROPERTIES

PRODUCT PROPERTY	CSA	ASTM	MAX SIZE BRICK (AVERAGE)	ICI BRICK (AVERAGE)
Compressive Strength (min)	> 20.7 MPa	> 3000 psi	> 60 MPa or 10000 psi	> 60 MPa or 10000 psi
5-hour boil water absorption	17% Maximum	17% Maximum	8% -12%	8% -12%
Saturation Coefficient (C/B)	< 0.78	< 0.78	0.55 - 0.78	0.55 - 0.78

Based on CSA A82 for Exterior Grade (EG) brick, and ASTM C216 for Severe Weather (SW) Brick. The provided data may vary. For precise specifications, please consult the manufacturer directly.

CODES & STANDARDS USED

American Codes & Standards

- American Society for Testing and Materials (ASTM) Terminology for Clay Products: C43
- Test Methods for Sampling and Testing Brick and Structural Clay Tile: C67
- Standard Specification for Facing Brick (Solid Masonry Units made from Clay or Shale): C216

Canadian Codes & Standards

- Canadian Standards Association (CSA) Masonry Construction for Buildings: CSA A371
- Fired Masonry Brick made from Clay or Shale: CSA A82

CANADA BRICK MANUFACTURING TOLERANCES:

MAX Brick

SPECIFICATION	CATEGORY	TYPE S OR FBS (SMOOTH) (mm)	TYPE X OR FBX (mm)	TYPE S OR FBX (ROUGH) (mm)
Category A - Tolerance for specified dimension	Under or equal to 75 mm	2.5	-	-
	75 to 100 mm	3.0	-	-
	100 to 150 mm	5.0	-	-
	150 to 200 mm	6.0	-	-
	200 to 300 mm	8.0	-	-
	300 to 400 mm	10.0	-	-
Maximum permissible warpage	200 mm and under	2.5	-	-
	200 to 300mm	3.0	-	-
	300 to 400mm	4.0	-	-

ICI Brick

SPECIFICATION	CATEGORY	TYPE S OR FBS (SMOOTH) (mm)	TYPE X or FBX (mm)	TYPE S (ROUGH) (mm)
Category A - Tolerance for specified dimension	Under or equal to 75 mm	2.5	1.5	-
	75 to 100 mm	3.0	2.5	-
	100 to 150 mm	5.0	3.0	-
	150 to 200 mm	6.0	4.0	-
	200 to 300 mm	8.0	5.5	-
	300 to 400 mm	10.0	7.0	-
Maximum permissible warpage	200 mm and under	2.5	1.5	2.5
	200 to 300 mm	3.0	2.5	3.0
	300 to 400 mm	4.0	3.0	4.0



BRICK CLEANING INFORMATION

To achieve proper appearance, brick work needs to be cleaned after installation. The EaCo Chem Low Pressure EC Jet process, using agents recommended by Canada Brick, is preferred. This process includes the use of the EC Jet for chemical application and rinsing. If other methods or materials are used, it is strongly suggested they be tested for suitability on disposable panels of noncritical wall areas. This is especially important when pressure washing is used.

1. Keep the wall as clean as possible during construction in order to reduce the amount of cleaning necessary later.
2. For best results cleaning should be performed as soon as possible, **but not until**, initial mortar set has occurred, (typically 2-5 days). The heavier mortar stains should be removed as completely as possible by mechanical means (paddles, scrapers, brushes, etc.)
3. Select cleaning agent according to the following brick categories:

Category A brick may be cleaned with an all-purpose commercial cleaning agent (at manufacturers recommended concentration). NMD-80 manufactured by EaCo Chem Inc. or equal is recommended.

Category B brick may be subject to metallic staining and discoloration if abusively cleaned with ordinary proprietary cleaners. EaCo Chem Inc. NMD-80 or equal is recommended (at manufacturers recommended concentration).

Category C brick have acid reactive coatings and may be subject to color range change if cleaned with acid-based cleaners. Non-acidic cleaners such as 1/2 cup tri-sodium phosphate (TSP) and 1/2 cup of laundry detergent per gallon of water is recommended for removal of general construction dirt.

RECOMMENDED CLEANING CHEMICALS

Manufacturer	Category A	Category B	Category C
EaCo Chem or equal	NMD-80 or equal	NMD-80 or equal	½ Cup TSP ½ Cup Laundry Detergent (Per 1 Gallon of Water)

Note: Canada Brick never recommends using Muriatic Acid as a chemical for cleaning brick.

1. **If category classification is unknown**, contact the local brick distributor, dealer, or Canada Brick representative.
2. **Test clean** – Select an inconspicuous wall area to confirm method and cleaning agents are satisfactory. Make adjustments as indicated.
3. **Pre-wet masonry** – Thoroughly pre-wet wall area to be cleaned. The moisture absorbing capacity of the masonry must be satisfied before cleaners are applied. (Low Pressure – 50 psi max -EC Jet with ball valve in the OFF position)
4. **Clean** – Apply cleaning agent to masonry in accordance with manufacturer instructions. For Category C, utilize bucket and brush method and scrub with acid resistant masonry brush. (Low Pressure – 50 psi max - EC Jet with ball valve in the ON position)
5. **Rinse** – (Low Pressure – 50 psi max- EC Jet with ball valve in the OFF position) Do not allow cleaning solution to dry on the wall. Rinse cleaner, dissolved mortar, and loosened dirt completely off the masonry wall with low pressure rinse.

Canada Brick disclaims any and all responsibility for damages resulting from cleaning methods and materials. Failure to follow above cleaning recommendations will void product warranty.

Note: Additional brick cleaning information and guidelines for pressure washing methods can be found in the Brick Industry Association (BIA) Technical Note Number 20.

