

Veneer Masonry Cost Guide

Section 1.3.3

OCTOBER 2016

This Cost Guide was prepared by the BC Chapter of the Canadian Masonry Contractors Association.

Installed wall costs include labour and materials. Variations to the baseline walls are given as additions or deductions from the baseline cost range. These costs are based on typical commercial walls in the Vancouver area with few openings, piers, offsets or corners.

Although costs are given in both sq.m. and sq.ft., only metric blocks are generally available.

These costs reflect the Vancouver area market. Areas requiring shipping of materials may see slightly higher prices.

Note: Due to market volatility, these cost figures should be used for general comparisons only. CMCA-BC members can provide budget costs or quotations for specific projects based on actual plans, specifications, site conditions, location and construction season.

RAINSCREEN VENEER MASONRY

BASELINE WALL:				AVERAGE RANGE	
8m high, brick ties @ 600 x 400mm, flashing, weep holes, grey mortar				\$/sq.m	\$/sq.ft.
CLAY BRICK					
		Size: see Section 2.1.3 for more on brick modules			
Baseline:	2¼ "Modular"	90 x 57 x 190 mm		320-370	30-35
or:	2½ "Standard"	90 x 63 x 190 mm		300-350	28-32
	"Norman"	90 x 63 x 290 mm	deduct	-45	-4.0
	(various names)	90 x 90 x 290 mm	deduct	-70	-6.5
	"Giant"	90 x 90 x 390 mm	deduct	-80	-7.7
Detailing	Coloured mortar		add	15	1.3

Note: Deductions for larger units vary with layout modularity & project details

CONCRETE BLOCK

Full Height (90 x 190 x 390 mm) Smooth Grey			160-200	15-18
Half Height (90 x 90 x 390 mm) Smooth Grey			240-260	22-24
Finish: ¹	Scored	add	20	1.9
	Split Face	add	16	1.5
	Split Rib	add	33	3.1
	Split Ledge	add	39	3.6
	Ground Face	add	47	4.4
Colour:	Standard (block & mortar)	add	22	2.0
	Premium (block & mortar)	add	27	2.5

Note: Architectural block costs will increase if numerous fittings are required.

EXTERIOR TREATMENT

Clear Water Repellent ^{1,2}	add	17	1.6
Anti-graffiti Repellent ³	add	33	3.0

- Notes:
1. Breathable, vapour permiable
 2. Coverage decreases and cost will increase for textured block finishes
 3. Compatible with regular repellent

TIES

Wider Tie Spacing ¹ 600 x 800 (vs. 600 x 400)	deduct	-11	-1.0
Stainless Steel Ties ² 600 x 400	add	14	1.3

- Notes:
1. See specifications - possible with stiff backups such as block or concrete
 2. See specifications - required for taller walls in coastal areas

HIGH RISE

10m - 20m	add	15 - 25%
20m - 50m	add	20 - 30%

- Note: Varies with work area access

RAINSCREEN VENEER MASONRY

Av

8m high, brick ties @ 600 x 800mm, flashing, weep holes, grey mortar

\$ / sq.m

CLAY BRICK

		Size (see Technical Manual Section 2.1.3 for more on brick modu	
Baseline:	2¼ Modular	90 x 57 x 190 mm	
	or: 2 ½ Standard	90 x 63 x 190 mm	305-345
	Norman	90 x 63 x 290 mm	Deductions of 10% - 15% are possible with larger un These vary with layout modularity, details and projec specifics
	Econ, Saxon	90 x 90 x 290 mm	
	Giant	90 x 90 x 390 mm	
Detailing			
	Coloured mortar		add 14
	Soldier course (per metre or foot)		add 17
	Rowlock course		add 24

CONCRETE BLOCK

	Full Height (90 x 190 x 390 mm) Smooth Grey		170-193
	½ High (90 x 90 x 390 mm) Smooth Grey		235-258
Finish	Scored	add	20
	Split Face	add	21
	Split Rib	add	31
	Split Ledge	add	33
	Ground Face	add	53
Colour	Standard (brick & mortar)	add	33.2
	Premium (brick & mortar)	add	26.4

EXTERIOR TREATMENTS

	Clear Water Repellent	add	17
	Anti-graffiti Repellent	add	32.3

SYSTEM ITEMS

	Closer Tie Spacing	600 x 600 or 400 x 800	add	5
		400 x 600	add	5
	Stainless Steel Ties	600 x 400	add	14
	Building Wrap		add	16
	Exterior Insulation	2" Semi-Rigid	add	36.6
	Sprayed Urethane Foam	2"	add	25.3
	Bituminous Membrane		add	33

HIGH RISE

	10m – 20m	add	14-2
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20m – 50m

add

20-3

verage

\$ / sq.ft.

iles)

28-32

uits.
st

1.3

1.6

2.2

15-18

22-24

1.9

2

2.9

3.1

4.9

2

2.5

1.6

3

0.5

0.5

1.3

1.5

3.4

2.4

3.1

25%

30%
