

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.

STRUCTURAL BLOCK & BRICK MASONRY

8m high, grouted vertically @ 1200mm			AVERAGE RANGE	
			\$/sq.m	\$/sq.ft.
CONCRETE BLOCK				
Baseline: 190 mm (20 cm) smooth grey 15 MPa			160-210	15 - 20
Width	90 mm	deduct	-30	-3.0
	115 mm	deduct	-10	-1.0
	140 mm	deduct	-10	-1.0
	190 mm			
	240 mm	add	22	2.0
	290 mm	add	43	4.0
Height	90 mm (½ high)	add	105	10.0
Strength	20 MPa	add	6	0.5
	30 MPa	add	12	1.1
Fire Rated – ULC			2	0.2
Finish	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	16	1.5
	Premium (block & mortar)	add	22	2.0

Note: Architectural block costs will increase if numerous fittings are required (corners, returns, etc.).

CLAY BRICK

Baseline: 190 x 90 x 290 or 390 mm			270-300	25-28
Width	140 mm	deduct	-11	-1.0

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

EXTERIOR TREATMENT

Finish	Clear water repellent ^{1,2}	add	16	1.5
	Anti-graffiti repellent ³	add	26	2.4

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

REINFORCEMENT & GROUTING

Including rebar, grout, joint reinforcing @400mm and bond beams @ 2400mm, 20cm width				
Baseline:	Verticals @ 1200mm (17%)			
	Verticals @ 800mm (25%)	add	10	0.9
	Verticals @ 600mm (33%)	add	12	1.1
	Verticals @ 400mm (55%)	add	23	2.1
	100% solid grouted	add	33	3.1
	100% solid grouted using H-block	add	46	4.3