

STAINED-GLASS WINDOWS

SECTION UIP 6

GENERAL INFORMATION

Stained-glass windows are in the fine arts field. Many windows, classified by age or beauty as having antique or historical value, or designed by name artists, must be valued as art objects by fine arts specialists.

The majority of stained glass which is installed today is the work of skilled artisans working in shops or studios, who normally put a square foot price on their craft. The following average costs will enable the assessor to estimate the replacement cost or proposed cost within reasonable limits. Glass materials, design and studio prominence vary considerably and costs may vary from a plus 70% to minus 20%.

These costs are based on the least dimension of the dominant size of pieces making up the total window. A window, most of whose pieces of glass are 3" wide, would be priced from the 2" to 4" column, whether 3", 6" or 12" long.

Price all windows by the area of the enclosing rectangle.

INSTALLATION

Installation costs run from \$11.00 to \$25.50 per square foot, depending on geographical location, height from ground, and size and shape of window. For stained-glass overlay, costs run \$21.75 to \$39.50 per square foot including materials.

RESIDENTIAL TYPE, STRAIGHT SEAMS

(Cost per Square Foot)

TYPE	DOMINANT SIZE OF INDIVIDUAL PIECES			
	14" and up	10" to 14"	6" to 10"	under 6"
Clear glass . . .	\$24.25	\$27.00	\$31.25	\$35.50
Single color . . .	34.75	38.75	43.25	48.25
Multi-color	38.50	42.75	47.25	53.50

Rondels and accidental designs cost \$49.50 to \$105.25 per sq. ft.
Blown clear restoration window glass costs \$9.25 to \$17.75 per sq. ft.
For single glazing over, add \$4.25 to \$5.75; for double glazed; \$10.00 to \$19.75 per sq. ft.

SIMULATED ART GLASS

Acrylic resin panels cost \$50.50 to \$89.00 per square foot. For leading on two sides, add \$13.50 per square foot.

Art Glass	4" and up	2" to 4"	under 2"
Plain mosaics, regular pieces, few embellishments	\$ 48.75	\$ 59.25	\$ 71.75
Contemporary abstract	57.00	84.75	125.75
Minimum painted and fired field and borders (Figures 1 and 2)	71.25	95.00	125.50
Simple designs, geometric patterns			
silhouettes, etc. (Figure 3) . .	88.25	153.75	264.50
Simple figures and scenes, . . .			
little detail	186.50	276.75	406.75
Highly detailed figures and . . .			
scenes (Figure 4)	389.75	599.00	926.50

(continued on next page)

ILLUSTRATIONS



FIGURE 1

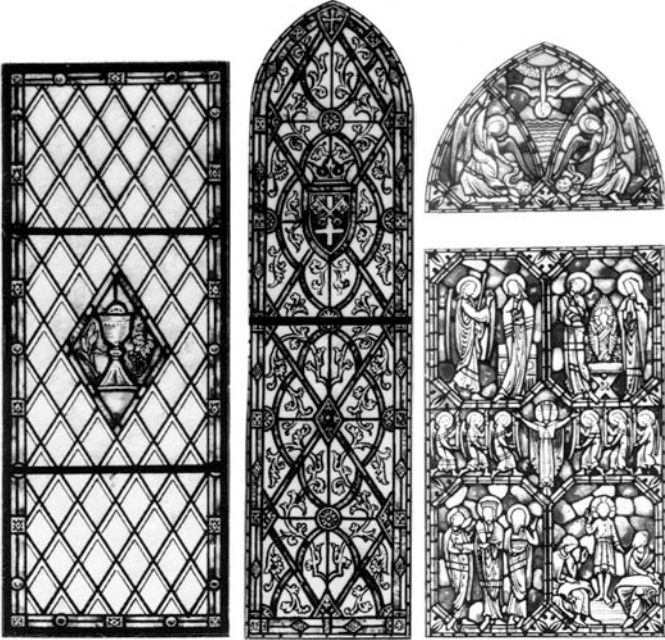


FIGURE 2

FIGURE 3

FIGURE 4

STAINED-GLASS WINDOWS

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SIMULATED ART GLASS

(Cost Per Square Foot)

ILLUSTRATIONS

TYPE	DOMINANT SIZE OF INDIVIDUAL PIECES		
	4" and up	2" to 4"	under 2"
Art Glass (continued)			
Rose or wheel windows, intricate designs (Figure 5)	\$299.50	\$508.50	\$898.25
Detailed figures, large decorative background areas (Figure 6)	327.75	508.50	836.25
Faceted glass, 1" thick or less, cast in epoxy, contemporary abstract	96.00	135.50	197.75
Faceted glass, 1" thick or less, cast in epoxy, figures and scenes (Figure 7)	130.00	175.25	231.75
Faceted glass, 1-1/2", bound in concrete, add 20% to epoxy cost.			
Ceiling domes, stock design up to 12' diameter including soffit, cost \$525.00 to \$875.00 per square foot of horizontal projection.			
Etched and Beveled Glass			
Minimum sand-etched design,			
1/4" plate	\$ 31.75	\$ 34.25	\$ 36.50
tempered	34.75	36.75	39.50
Simple figures and scenes,			
1/4" plate (Figure 8)	63.50	71.00	79.00
tempered	70.25	77.75	86.00
Intricate designs,			
1/4" plate (Figure 9)	118.75	141.25	186.50
tempered	124.25	158.28	192.00
For stock designpiece assemblies, deduct 20%.			
For obscure glass, add 10%. Multilayered glass, add 15% to 35%.			
For triple glazing between clear safety glass, add \$35.50 to \$42.00 per square foot.			



FIGURE 6



FIGURE 7

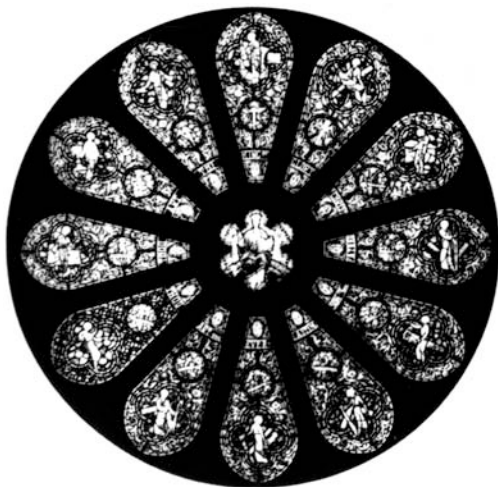


FIGURE 5

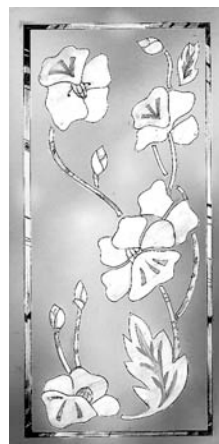


FIGURE 8



FIGURE 9

STOREFRONTS

SECTION UIP 6

GENERAL INFORMATION

The costs in this section are for use in computing storefronts with the Unit-in-Place and/or Segregated Cost Methods. The Calculator Costs include fronts commensurate with the quality and type of building.

The floor and ceiling areas in the display and vestibule are normally included in the building shell and are not part of the storefront, however, the display platforms and dropped display and vestibule ceilings as well as special floors are part of the front. The basic wall above the front is normally part of the building shell except for interior malls, but the ornamentation is properly computed with the storefront. Sometimes the display front is a very small part of the entire front elevation of the building and the major portion is better computed from the regular wall costs in Section UIP 5 or SEG 3 adding any front ornamentation.

If the cost of replacing an old or damaged storefront is desired, the costs of removing the old front and making any necessary structural changes must be added to the cost of the new front.

The following text and pictures illustrate some of the problems and items to be priced in estimating storefronts, while the detailed example on Page 5 covers the complete estimate.

The entrance doors are 1/4" tempered glass in matching aluminum frame and the display platforms are 18" high with plywood floor and average-quality carpeting (Section UIP 2). The display ceilings, of pegboard, displace an equal amount of marquee soffit since the marquee forms the roof of the window bays, and the ceilings are disregarded as the difference is within our accuracy tolerance. Display backs are average-quality wood stud walls, finished both sides.

The marquee is good-quality plain metal on a cantilevered steel frame with architectural posts and girders, which may be priced from Section UIP 1.

Typical cost per linear foot of storefront elevation = \$970 to \$1,210
(Including display front to top of marquee only.)

GOOD DEPARTMENT STORE



The storefront to be computed includes the glassed areas, entrances, marquees, and bulkheads. The wall above the marquee and to the sides of the storefront is not included since it is identical to, and priced with, the balance of the walls. If there was added ornamentation on this area it could be priced as part of the front.

When computing the area of the basic front, include the entrances and sides of the window bays but not the bulkhead.

In the illustration above, the basic front is good-quality aluminum (anodized color) with 1/4" plate glass. The basic bulkhead wall is steel-framed with colored aluminum ornamentation matching the window framing. Other ornamentation consists of average marble strips bordering the entrance. Because of the small quantity, 10% to 25% could be added to the marble cost. The lighting consists of both average and good incandescent spots and all lights in the window and marquee should be counted.

EXCELLENT RETAIL STORE



The largest proportion of this front is ordinary building wall, with a smaller proportion of openings, and should be priced with the balance of the walls of the building, pricing the following items from the storefront costs. The basic front is plate glass and average bronze trim, and includes display and entrance areas.

Ornamentation consists of good marble over the entire front wall and excellent marble in the curved entrance vestibule. There is no special lighting for the front except in the entrance, and the entrance doors are good quality 1/2" tempered plate glass balanced doors and hardware. The vestibule ceiling is a dropped ceiling with plaster finish and the vestibule floor is good marble which may be priced from Section UIP 2. There is a small plain metal marquee.

Typical cost per front foot of building facade = \$1,355 to \$1,620
(Including entire front wall of building.)

STOREFRONTS

SECTION UIP 6

GOOD RETAIL STORE



In this front, most of the wall is built of precast concrete panels which may be priced with the balance of the building walls, leaving only the windows and entrance to be priced from the storefront costs.

The windows and doors are bronze-framed plate glass with average spots for lighting. Display platforms are carpeted with plywood display backs. The display and vestibule ceilings are average plaster, and the sides of the recessed entrance may be priced from the bulkhead walls and ornamentation.

Other ornamentation consists of some wrought iron above the windows and a horizontal metal screen at the top of the building.

Depending on the purpose of the valuation, the awning, on city property, may or may not be part of the building.

Typical cost per front foot of building facade = \$595 to \$785
(Including entire front wall of building.)

AVERAGE RETAIL STORE



This basic front is average plate glass with an aluminum-framed entrance. The front columns are part of the building frame but the brick ornamentation is properly part of the front. One end of the front wall is ornamented with good local stone and the sign area is stucco on block.

There is a small metal and steel frame marquee but no front lighting.

Typical cost per front foot of building facade = \$320 to \$440
(Including entire front wall of building.)

AVERAGE MALL STORE



The basic front has average wood trim and glass plus an average steel-framed bulkhead and sign area with wood ornamentation. The average plain galvanized steel roll-up grille is priced separately and is not included as an additive to the basic storefront area. The shallow display platforms with low plywood backs and gypsum board ceiling with recessed spotlights are all of average quality.

Typical cost per front foot of store entrance = \$265 to \$410
(Including entire front wall of mall.)

LOW-COST RETAIL STORE



The basic front has average wood trim and 3/16" glass plus an average wood-framed bulkhead.

The ornamentation on the bulkhead and posts is low-quality local stone and workmanship but, because of the small quantity, it is better to add an additional 10% to 20% to the low-cost ornamentation as given. The sign area is priced with the balance of the building walls.

There is no front lighting and the entrance doors are low-cost aluminum with 1/4" plate glass. There are no other items to price.

Typical cost per front foot of building facade = \$210 to \$290
(Including entire front wall of building.)

STOREFRONTS

SECTION UIP 6

EXAMPLE

The storefront illustrated is for a typical, small, average retail store and has display platforms and dropped ceilings in the display area and vestibule. The vestibule floor and the basic wall above the front were included in the cost of the building shell. Costs are found on the following pages.



COMPUTATION

Basic storefront area: (46 x 7) + (9 x 10)			
= 412 sq. ft. aluminum trim, average . . .	@	\$ 24.75 =	\$ 10,197
Basic bulkhead area: (14 + 6 + 6 + 20) x 3			
= 138 sq. ft. brick masonry, average . . .	@	15.05 =	2,077
Ornamentation area: 45 x 4 (sign area)			
= 180 sq. ft. ceramic tile, average . . .	@	11.55 =	2,079
Lighting: 10 recessed spots, average . . .	@	139.00 =	1,390
Entrance doors:			
2 aluminum, 1/4" glass, average	@	1,225.00 =	2,450
Display platform area: $\frac{6 \times (14+15)}{2} + \frac{6 \times (20+21)}{2}$			
= 210 sq. ft., 36"-high display, average	@	6.70 =	1,407
= 210 sq. ft. carpet, average, medium grade (Section UIP 2).	@	2.98 =	626
Display ceiling area, including vestibule, 45 x 6 = 270 sq. ft. dropped plaster ceiling, average	@	4.95 =	1,337
Display back area: 7 x (15 + 21) = 252 sq. ft. single wall plywood, avg.	@	4.65 =	1,172
Total storefront cost			\$22,735
Cost per linear foot of building facade = \$505			

BASIC STOREFRONT

Cost per square foot of actual front including door and glass area, but not bulkhead or sign areas. For display islands and bays use area of all sides. Costs include glass.

	LOW COST	AVG.	GOOD
Wood trim	\$12.75	\$16.00	\$20.25
Aluminum trim	18.25	24.75	33.00
Stainless steel or bronze trim	30.50	39.75	52.50
Structural glazing, no trim	48.75	69.50	98.00
Greenhouse or curved glass, aluminum	36.50	44.75	54.00

Double glazed add 40%.
Interior nonweatherized mall front, deduct 10% to 20%.

BASIC BULKHEAD WALLS

	LOW COST	AVG.	GOOD
Wood frame	\$ 4.05	\$ 5.15	\$ 6.50
Steel frame	4.20	5.90	8.35
Concrete block masonry, standard	6.55	8.40	10.90
add for face block90	1.60	2.95
Concrete, formed	10.25	13.10	16.85
Concrete, precast or tilt up	7.40	9.25	11.60
add for textured finishes85	1.75	3.55
Brick masonry	12.20	15.05	18.60
add for face brick	1.85	2.35	2.95

ORNAMENTATION

Costs per square foot of ornamented area.

Brick veneer	\$ 7.40	\$ 9.65	\$ 12.70
simulated veneer or panel, 1/4" - 3/8"	6.50	8.65	11.45
Ceramic tile	9.40	11.55	14.20
*mosaic tile	13.90	18.55	24.70
Glass block, white or aqua	26.75	31.00	36.25
Metal panels or screens	11.90	17.80	26.55
preformed wall panels	2.20	5.10	10.45
Local stone, ashlar or panel	21.50	27.50	35.00
rubble or rustic	16.50	21.25	27.00
imitation veneer	7.00	10.50	15.25
Marble or granite	28.00	38.50	52.50
Terra cotta	19.50	24.75	31.75
Stucco	3.05	3.50	3.95
on masonry	2.25	2.70	3.20
add for synthetic on rigid insulation	1.65	2.35	3.50
*built-up (EIFS) panel relief	3.50	4.75	7.70
Wood, plywood	1.75	2.55	3.60
shingles or shakes	2.45	3.05	3.90
shingles, decorative panels	2.80	3.45	4.20
siding	2.25	3.20	4.35
ornamented molding or trim	7.25	11.50	18.25
add for treated wood35	.45	.60
*For pictorial artwork, add	7.75	12.50	20.25
carved brick, add	103.00	127.00	155.00

LIGHTING

Add for each storefront fixture in display areas, marquees, etc.

Std. open incandescent fixtures	\$ 55.00	\$ 72.00	\$ 95.00
Recessed or adj. incandescent	80.00	139.00	236.00
Fluorescent, open	154.00	231.00	337.00
Fluorescent, diffused	201.00	284.00	395.00
Illuminated exit, incandescent	79.00	137.00	236.00
Emergency light packs, see Section UIP 3.			

STOREFRONTS

SECTION UIP 6

ENTRANCE DOORS

Cost per door, including glazing, to be added to cost of basic front.

	LOW COST	AVG.	GOOD
Wood and glass	\$ 535	\$ 735	\$ 960
Aluminum frame, 1/4" glass	900	1,225	1,575
Bronze or stainless steel, 1/4" glass	2,025	2,550	3,175
Tempered glass, 1/2"	1,725	2,000	2,350
3/4"	1,900	2,475	3,175
Sliding glass, automatic			
two-way entry	10,500	12,625	15,450
Revolving door & cage			
(7" dia. base)	22,425	31,000	42,800
bronze or stainless steel	34,550	45,450	60,500
add or deduct 15% for each foot variation.			
Automatic door opener, add	3,875	4,550	5,625
Balanced door, add	3,500	5,075	7,375
Panic hardware, add	425	525	700
Mall fronts, per sq. ft. of opening, excluding basic front cost.			
Chain or scissor closures, horizontal	11.75	16.00	22.25
Grilles, roll up, plain aluminum or steel	22.00	28.75	38.25
bronze anodized			
or mirror glazed	28.00	36.00	46.50
ornate, stainless steel	34.50	44.75	58.00
for horizontal operation, deduct 10%.			
add for motorized operation,			
each	826.50	1,151.25	1,623.75
Sliding glass panels, aluminum	18.00	24.50	32.50
bronze, anodized	22.00	30.00	40.00

DISPLAY PLATFORMS

Cost per square foot of display floor area. Add for finish flooring from Section UIP 2.

12" high	\$4.05	\$5.55	\$7.55
24" high	4.40	6.05	8.20
36" high	4.95	6.70	9.15

DISPLAY CEILINGS

Cost per square foot of dropped ceilings not already included in main store ceiling, exclusive of lighting.

Acoustic tile, organic fiber			
wood or cane	\$ 2.95	\$ 3.65	\$ 4.50
mineral fiber, fiberglass	2.90	4.05	5.65
Gypsum board, taped and painted	3.00	3.65	4.40
Mirror-faced panels	14.20	17.40	21.25
Plaster, standard	3.95	4.95	6.25
acoustical or Keene's	4.25	5.40	6.90
Plastic panels, translucent	5.60	7.30	9.45
Wood, decorative	5.90	11.00	20.70
plywood, softwood or			
hardboard	3.45	4.35	5.60
hardwood	4.45	7.55	12.60

DISPLAY BACKS

Cost per square foot of back, including doors.

Masonry	\$6.60	\$9.30	\$13.20
Metal channels,			
2-1/4" gypsum board	7.65	8.40	9.45
Single wall, plywood	3.40	4.65	6.35
Steel studs, 2" solid plaster	7.95	9.00	10.15
Wood studs, finished both sides	4.65	6.40	8.80

AWNINGS

Metal, enameled, per sq. ft.	\$ 9.50	\$ 12.50	\$ 15.50
Fabric, per front foot	106.25	136.00	171.25
prefab economy units	47.25	65.00	88.75

MARQUEES

Cost per square foot of marquee.

	LOW COST	AVG.	GOOD
Metal, ornamented, steel frame	\$26.25	\$34.00	\$43.50
Metal, plain, steel frame	19.25	26.25	36.00
Metal, plain, wood frame	18.00	24.50	33.25
Wood or stucco, wood frame	15.75	21.50	29.50

For light false-mansard structures, deduct 50%. For greater detail, see Section UIP 4, Page 5.

SIGNS

Signs normally are not a part of the building. They are separately purchased and often are the property of the tenant. Most signs are custom made and costs are highly variable. We recommend that you get the cost from the sign manufacturer, if time permits. The costs per square foot below represent national medians and are for signs hung or mounted flush on buildings without extra structure or foundation. See Section UIP 14 for pole costs and service station signs. For oval signs use area of enclosed rectangle. Interior non-weatherized signs may cost 5% to 15% less.

SIGN TYPE	AREA IN SQUARE FEET			
	< 20	20 - 50	50 - 100	> 100
Illuminated plastic,				
single face	\$123.50	\$98.00	\$78.50	\$63.00
double faced	175.50	139.00	109.50	87.00
without illumination, deduct	18.25	13.75	10.75	8.50
Metal, painted, single faced	46.25	41.00	36.50	32.25
double faced	58.75	52.00	45.75	40.75
porcelainized, add per face	9.50	8.75	7.75	7.00
Wood, painted, single faced	21.75	19.50	17.50	15.75
double faced	28.00	25.25	22.25	20.00
carved, plain, single faced	128.75	113.00	100.00	87.00
double faced	196.00	162.50	135.25	111.50
ornate artwork, add up to	40%	45%	50%	55%
sandblasted or				
routed, deduct	12%	14%	17%	20%
Neon tubing, add per face				
plain	45%	40%	40%	35%
ornate lettering	70%	65%	60%	55%
Projected wall bracket				
supports, add	8.50	6.75	5.25	4.25
Rotators, add	41.25	36.50	32.00	28.00
Individual letters, cost per inch of height				
masonite or foamboard	\$ 2.60 -		\$ 3.90	
plastic	3.20 -		4.90	
wood	5.40 -		7.00	
steel	5.80 -		8.40	
aluminum	8.80 -		14.00	
stainless steel	11.40 -		16.55	
bronze	12.70 -		17.90	
illuminated, Plexiglas, metal frame	13.55 -		20.50	
stainless steel or porcelainized frame	21.25 -		26.55	
without illumination, deduct	3.20 -		4.25	
window lettering, permanent	.80 -		1.55	
gold leaf	9.45 -		23.05	
carved in stone (raised letters, add 100%)	2.60 -		3.60	
Time and temperature, 18" - 24" display, cost per set				
alternating, single face	8,550 -		11,525	
double faced	12,675 -		17,425	
continuous display, add	3,850 -		5,900	
Electronic message, 18" - 24" single display,				
per lin. ft.	2,375 -		2,975	
double faced	2,575 -		3,525	

STONEMWORK

SECTION UIP 6

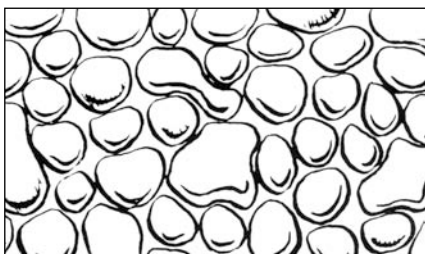
GENERAL INFORMATION

There are a number of quarries throughout the United States and Canada producing various types of building stone. The distance from the quarries affects the cost of any of these, but most areas have one or two types of stone which are commonly used for facing or walls because of their local availability. Costs will vary by coloring, graining, texture and finish. Large quantities of matched stone or intricate jobs requiring much cutting and fitting can cost twice the averages as shown.

The following costs are typical ranges per square foot for locally available competitive stone, in place. For stone veneer on wood or steel studs, add \$1.50 to \$3.25 per square foot. Dry bed (hand placed) local fieldstone walls will cost 50% to 100% more. For stone carving, add \$70 to \$115 per surface square foot; hand work add 100%. Works designated as having historical or artistic merit must be valued by fine arts specialists.

RUSTIC STONE

COBBLE

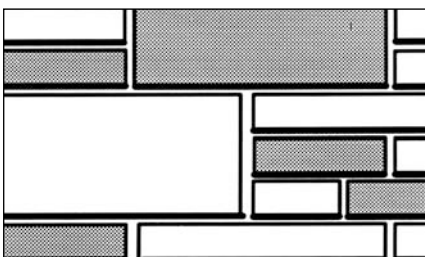


RUBBLE - FIELDSTONE

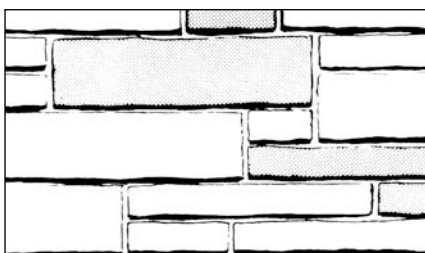


ASHLAR FACING

COURSED SAW BED



RANDOM ROUGH BED



LOCAL STONE

Cost per sq. ft., Sandstone, Brownstone, Quartzite, etc.

	LOW COST	AVG.	GOOD
Ashlar veneer, 4" - 6", rough.....	\$16.25	\$21.00	\$27.00
sawed bed.....	18.75	24.75	32.25
Facing panels, 1".....	19.50	26.50	36.25
Native cobblestone veneer, 4" - 6" ..	12.75	16.50	21.75
rubblestone.....	14.50	18.75	24.25
Cobblestone walls, 12".....	14.00	16.50	18.50
each additional 6".....	4.00	4.25	4.50
Rubblestone walls, 12".....	18.25	22.00	25.75
each additional 6".....	5.25	5.50	5.75
Rough-cut block, per cubic foot.....	30.75	40.00	51.50
Miscellaneous trim, per cubic foot...	42.75	57.75	78.50

LIMESTONE

Ashlar veneer, 4" - 6", rough.....	\$19.50	\$24.00	\$30.25
sawed bed.....	22.75	30.00	39.25
Facing panels, 1".....	22.25	30.25	42.00
Rubble veneer, 4" - 6".....	16.00	19.50	24.75
Rough-cut block, per cubic foot.....	35.25	45.00	57.25
Miscellaneous trim, per cubic foot...	49.50	69.25	96.00

GRANITE

Ashlar veneer, 4" - 6", rough.....	\$22.00	\$ 27.25	\$ 34.75
polished.....	26.50	34.25	44.00
Facing panels, 1".....	28.50	36.00	45.50
2".....	32.00	40.25	50.25
4".....	37.25	46.25	57.00
Rubble veneer, 4" - 6".....	18.50	22.75	28.50
Rough-cut block, per cubic foot.....	32.25	45.25	63.00
Trim, polished, per cubic foot.....	85.25	120.50	170.75
Trim or steps, sawn, per cubic foot..	48.50	56.25	65.50

MARBLE

Marble costs can be divided into four groups, according to the degree of color variation and structure, as follows:

GROUP A

Sound marbles with a smooth uniform surface requiring no waxing or filling, best suited for exterior walls, with little variation in texture and color. These are almost entirely local marbles and are strongly competitive in price.

GROUP B

Similar to Group A but with less favorable working qualities and a little more variation in color and texture. A few marbles in this group are imported.

GROUP C

Uncertain variations in working qualities, large flaws, voids, striations, and good color variation. Most imported marbles will fall in this category or Group D.

GROUP D

Marbles similar to Group C, but including those stones with maximum variations in working qualities, texture, and color. This group contains many of the highly colored and variegated marbles which are most prized for ornamentation.

FACING PANELS

(Cost per square foot)

GROUP	LOW COST	AVG.	GOOD
A.....	\$23.25	\$30.25	\$39.00
B.....	28.50	36.00	45.50
C.....	34.25	42.75	53.00
D.....	41.25	50.25	62.25

SLATE

Facing panels, 1".....	\$21.75	\$28.25	\$40.00
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ARCHITECTURAL COLUMNS

SECTION UIP 6

GRANITE COLUMNS

Cost per linear foot of height measured from bottom of base to top of capital. The costs of architectural granite columns will vary a great deal with the distance from quarry and mill, and the following typical cost ranges should be increased where the stone must be crated for shipment over long distances or for foreign granite. For carved stone cladding, reduce costs by 50%.

DIAMETER OF SHAFT AT BASE	ROUND		FLUTED	
	COST RANGE		COST RANGE	
8"	\$ 120 –	\$ 150	\$ 240 –	\$ 260
12"	170 –	210	315 –	350
16"	240 –	280	410 –	465
20"	325 –	390	550 –	610
24"	445 –	535	730 –	825
28"	610 –	730	975 –	1,065
32"	855 –	1,005	1,300 –	1,425
36"	1,200 –	1,375	1,775 –	1,875
40"	1,650 –	1,875	2,350 –	2,525
44"	2,300 –	2,550	3,125 –	3,375

WOOD STAVE COLUMNS

Costs are given per linear foot of standard architectural columns measured from the bottom of the base to the top of the capital. The diameter of the column is measured at the bottom of the column above the base.

DIA. OF SHAFT AT BASE	ROUND COST RANGE		SQUARE COST RANGE	
	PLAIN	FLUTED	PLAIN	FLUTED
6"	\$ 30 – \$ 33	\$ 34 – \$ 39	\$ 31 – \$ 43	\$ 33 – \$ 47
8"	42 – 49	50 – 59	48 – 67	49 – 68
12"	71 – 87	85 – 105	82 – 117	85 – 123
16"	101 – 129	125 – 158	122 – 176	127 – 187
20"	133 – 178	165 – 217	165 – 238	170 – 255
24"	166 – 228	211 – 280	217 – 308	220 – 335
28"	195 – 275	250 – 330	260 – 390	275 – 415
32"	230 – 325	295 – 400	320 – 465	335 – 505
36"	260 – 390	350 – 480	375 – 545	390 – 600

BASES AND CAPITALS

Cost per base or capital to be added to total column cost.

COLUMN DIAMETER	BASES AND CAPITALS		CAPITALS ORNATE
	PLAIN	MODERATE	
8"	\$ 420	\$ 825	\$1,490
12"	690	1,280	2,380
16"	975	1,735	3,230
20"	1,280	2,165	4,085
24"	1,585	2,650	5,025
28"	1,920	3,110	5,940
32"	2,255	3,595	6,885
36"	2,585	4,050	7,825
40"	2,925	4,570	8,800
44"	3,290	5,025	9,775

BASES AND CAPITALS

Cost per each base or capital to be added to total column cost.

COLUMN DIAMETER	BASES AND CAPITALS		CAPITALS ORNATE
	PLAIN	MODERATE	
6"	\$ 49	\$ 153	\$ 230
8"	57	175	280
12"	83	255	390
16"	121	365	535
20"	174	520	775
24"	250	725	1,085
28"	365	1,055	1,475
32"	525	1,475	2,075
36"	765	2,075	2,900

For solid composite fiberglass and marble chip columns and bases deduct 30% to 50% from the above wood costs. For architectural interior plaster columns, add 100%.

ORNAMENTAL CONCRETE COLUMNS

Costs are given per linear foot of architectural nonbearing column measured from the bottom of the base to the top of the capital. If a base and capital are used the additional cost of each may be added to the total column cost. The diameter of the column is measured at the bottom of the column above the base.

DIA. OF BASE	TYPE OF COLUMN			BASE		CAPITAL	
	ROUND	FLUTED	SQUARE	PLAIN	ORNATE	PLAIN	ORNATE
12"	\$ 31	\$ 51	\$ 38	\$ 66	\$ 95	\$ 148	\$ 340
14"	41	61	48	78	115	185	400
16"	49	72	56	94	138	210	475
20"	67	94	77	140	195	290	675
24"	88	117	101	195	280	430	945
28"	108	142	123	280	395	610	1,310
32"	131	165	148	400	580	855	1,855
36"	157	191	175	580	825	1,220	2,585

ORNAMENTAL ALUMINUM COLUMNS

Costs are given per linear foot of architectural nonbearing column measured from the bottom of the base to the top of the capital. Add for each base or capital. The diameter of the column is measured at the bottom of the column above the base.

DIAMETER OF SHAFT AT BASE	FLUTED		BASES AND CAPITALS	
	ROUND	SQUARE	PLAIN	ORNATE
4"	\$ 9.50	\$10.50	\$ 21.75	\$ 94.50
6"	10.50	13.75	29.75	148.25
8"	18.25	24.00	37.50	205.25
10"	27.25	37.00	46.75	262.25
12"	38.75	52.75	52.50	319.25
14"	51.50	71.25	59.25	387.50
16"	65.75	92.25	67.25	444.50
20"	100.00	-----	81.00	564.25
24"	142.50	-----	93.50	684.00
30"	211.00	-----	112.75	895.00

For hard-coated, cored polystyrene columns, deduct 20% to 30% from the aluminum costs above.