

INTERIOR CONSTRUCTION

SECTION UIP 2

INTERIOR PARTITIONS

Costs are averages for wall construction only, per square foot of wall area of nonbearing partitions. Additions should be made for doors from the Interior Door table without deducting for the areas of the openings. See Section UIP 5 for basic walls, wall covers, insulation and finishes not shown here. For shear walls or double layers of gypsum or sound board, add costs from the Sheathing category found on Page 4 of Section UIP 5.

MASONRY

TYPE	PLASTER		
	UNFINISHED	ONE SIDE	TWO SIDES
Clay tile, 4"	\$6.25 - \$7.15	\$7.75 - \$9.60	\$9.20 - \$12.00
6"	7.35 - 8.50	8.75 - 10.90	10.20 - 13.35
8"	8.20 - 9.15	9.60 - 11.50	11.05 - 13.90
Concrete block,			
2" solid	4.20 - 5.25	5.70 - 7.65	7.10 - 10.00
4" solid	4.85 - 6.00	6.40 - 8.45	7.80 - 10.80
6" solid	5.70 - 6.80	7.15 - 9.15	8.60 - 11.55
4" hollow	4.70 - 5.75	6.15 - 8.20	7.60 - 10.55
6" hollow	5.30 - 6.25	6.85 - 8.75	8.20 - 11.10
8" hollow	5.95 - 7.00	7.40 - 9.40	8.80 - 11.80

NOTE: For gypsum board, deduct \$.20 to \$.50. For furring, add \$.65 to \$1.50.

For glazed block or tile, add \$4.10 to \$5.60 for each glazed side.

FRAME

TYPE	2½" - 3" WALL	4" WALL	6" WALL
Steel studs,			
plaster one side	\$3.00 - \$5.90	\$3.10 - \$6.00	\$3.10 - \$6.25
two sides	4.70 - 9.35	4.80 - 9.50	4.80 - 9.80
solid wall	5.70 - 7.40	-----	-----
gypsum board			
one side	2.35 - 3.65	2.40 - 3.80	2.40 - 4.10
two sides	3.30 - 4.85	3.35 - 5.05	3.35 - 5.55
solid wall	5.40 - 6.70	-----	-----

NOTE: Add insulation to solid wall for 4" shaft wall cost.

Wood studs,			
plaster one side	2.35 - 3.60	2.50 - 3.90	2.40 - 4.30
two sides	4.05 - 6.10	4.20 - 6.40	4.00 - 6.85
gypsum board			
one side	1.60 - 2.35	1.80 - 2.65	1.75 - 3.10
two sides	2.65 - 3.45	2.80 - 3.80	2.65 - 4.25

NOTE: For staggered studs on 2" x 6" plate, add \$.85 per square foot to 4" wall.

For lead-lined lath, add \$6.90 to \$16.95 per square foot.

For gypsum green board (wet walls), add \$.11 per square foot per side.

MISCELLANEOUS

TYPE	COST RANGE
Glass block, white or aqua	\$ 26.00 - \$ 36.00
color and intaglio	35.75 - 48.75
Folding partitions, wood and plastic	11.50 - 17.25
acoustical	27.50 - 58.25
add for electrical operation	15.50 - 16.75
Movable office partitions, hardboard/plastic	7.25 - 10.75
softwood/plywood	8.50 - 14.00
hardwood	13.00 - 20.25
Metal partitions, single thickness	10.00 - 16.00
2" insulated	11.50 - 18.75
3" insulated	13.00 - 19.50
add for glazing	.90 - 1.80
Clear glass, full height	18.25 - 47.50
frameless, structural glazing	145.50 - 184.75
Metal channels, 2¼" gypsum	5.50 - 8.50
Cement fiber panels	9.50 - 16.75
Woven wire, including doors	5.00 - 9.75
X-ray viewing, clear-opaque	
lead-plastic panels	127.75 - 212.75

For hospital privacy curtains, see Section UIP 15, Page 3.

TOILET PARTITIONS

Average cost of each unit completely installed, including door. For privacy screens use the low side of the price range, deducting 10% to 20%. For stall shower with dressing cabinet, use high side of the price range plus 50% to 75%.

TYPE	COST RANGE
Laminated plastic	\$450.00 - \$ 900.00
Marble or Corian	750.00 - 1,350.00
Metal, baked enamel	475.00 - 600.00
stainless steel or porcelainized	675.00 - 1,375.00
Wood	300.00 - 625.00
For grab bars, add \$50.00 to \$105.00 each.	

INTERIOR DOORS

Average cost in place per square foot of door opening, including hardware.

Accordion	\$ 9.25 - \$ 17.25
Bypass folding	5.45 - 11.25
Cafe (bar) doors	11.25 - 15.00
Flush doors, hollow core: hardboard	6.15 - 8.55
metal	16.75 - 24.24
plastic-clad	16.25 - 21.00
wood	9.60 - 14.65
add for solid core	2.00 - 3.10
add for raised panel door	0.65 - 4.40
add for decorative pattern or carved	18.50 - 28.50
add for metal frame	1.50 - 3.00
add for lead-lined frame	21.00 - 28.00
add for lead-lined door or glass	37.00 - 42.50
add for glass areas	6.75 - 12.50
add for Underwriters' label	5.25 - 11.50
add for security locksets (restrooms, hotel/motel)	2.75 - 7.75
card entry, excluding monitoring sys.	7.75 - 11.00
French doors, wood	12.60 - 16.20
Louver doors, wood	9.25 - 14.40
Mirror wardrobe panels	9.60 - 17.10
Add for automatic door closers, each	50.00 - 160.00

For panic hardware, see Section UIP 6, Page 6; smoke-activated closers, Section UIP 3, Page 12.

INTERIOR STAIRWAYS

Apply cost to each full flight of stairs. The following costs include stair framing, finish and railings. For staircases that have a large number of the same railings and balustrades along an open landing or balcony, increase cost by 20% to 30%. For partial flights use proportionate costs. For every foot of floor height above 10', add 5%. Custom-curved or floating stairways are constructed of hardwood, hardwood with some tile or stone or with marble, with costs ascending in that order. The width of the staircase, landings if any, overall height, along with materials used, workmanship, and complexity of design (split staircase), must be considered when determining quality.

Disappearing attic stairs, slide-up pivot	
type, manual	\$ 375.00 - \$ 1,375.00
motorized	7,275.00 - 9,250.00
folding type, wood	475.00 - 1,075.00
aluminum	1,875.00 - 2,425.00
telescoping access ladder	2,025.00 - 2,425.00
Spiral stairs, aluminum	2,425.00 - 4,400.00
steel	2,125.00 - 4,650.00
wood	3,325.00 - 5,075.00
Wood, residential style, with balustrade,	
softwood	900.00 - 2,800.00
hardwood	1,200.00 - 4,675.00
spiral or curved	3,300.00 - 10,350.00
add or deduct 10% - 15% for each ft. deviation from 42" base width.	
Custom stairways, spiral	5,750.00 - 14,550.00
curved	11,000.00 - 36,500.00
floating	11,500.00 - 51,000.00

INTERIOR CONSTRUCTION

SECTION UIP 2

FLOOR COVERING

(Cost per square foot)

TYPE	COST RANGE	
Access (computer) floor, raised	\$ 12.30 –	\$ 22.40
add for ramps, each	625.00 –	925.00
railing, per linear foot	42.50 –	60.75
full office floors	8.50 –	14.00
Asphalt tile	1.45 –	2.45
Bamboo, laminated plank	6.50 –	13.00
Block, creosoted wood, in asphalt	4.50 –	8.00
Brick, acidproof, industrial	10.00 –	23.75
Brick, common in mortar	5.60 –	10.25
Brick, pavers in concrete	6.75 –	12.25
Carpet, light grade	1.00 –	2.30
medium grade	2.35 –	3.60
heavy grade (includes carpet tiles)	3.35 –	6.55
custom (special order)	6.25 –	28.50
indoor/outdoor	1.30 –	3.35
add for pad .....	.35 –	.90
Concrete, color .....	.60 –	1.45
Concrete, foamed, 1-5/8" .....	.75 –	1.30
Concrete hardener and sealer .....	.50 –	1.50
heavy duty	1.10 –	2.65
aggregate topping, 1/2" – 1"	3.10 –	8.35
Cork	3.65 –	6.50
Diat, magnesite, etc.	4.50 –	8.00
Epoxy terrazzo, 3/8" to 1/2" tile or poured ..	6.25 –	12.25
Epoxy, urethane, neoprene, 1/32" – 1/16" ..	2.50 –	5.25
1/8" – 3/8"	4.00 –	8.75
add for colored chips or glitter	1.10 –	2.25
Felt underlay .....	.21 –	.36
Flagstone, random local stone, in concrete ..	9.00 –	16.00
Granite	17.75 –	44.75
Gratings, plastic	6.50 –	28.75
steel or aluminum	7.00 –	27.75
stainless steel	30.25 –	92.50
Linoleum	2.35 –	4.50
Marble	16.25 –	47.00
cast tile	9.75 –	16.75
Melamine laminated tiles	6.50 –	8.75
Plastic tile, interlocking	4.75 –	6.75
Rubber fabric tile	6.25 –	11.25
Rubber tile or sheet	2.50 –	7.50
Slate, grouted	10.00 –	18.00
Terrazzo, exclusive of base slab	6.75 –	14.50
tile, 1" to 1-1/2"	13.00 –	21.75
Tile, ceramic or quarry	6.50 –	15.50
custom tile	15.75 –	30.75
premium, designer grade	1.25 –	2.40
Vinyl composition (asbestos) tile	2.25 –	3.25
Vinyl sheet	2.00 –	6.25
Vinyl tile	2.00 –	7.85

Add 15% for conductive flooring.
For exterior decking, see Section UIP 16. Synthetic sports surfaces, see Section UIP 17.

WOOD FLOORING

(Cost per square foot)

Cost per square foot, exclusive of floor structure and subfloor, including wood base at walls, sanding and finish. Vapor barrier or building paper underlayment not included. Add \$.55 to \$1.40 per square foot for sleepers. Custom patterns and/or special species may run two to three times costs listed.

TYPE	COMMON	SELECT	CLEAR
Hardwood			
Strip, 1/2"	\$5.55 – \$6.20	\$7.15 – \$8.55	\$ 10.60 – \$11.65
3/4" – 13/16" ..	5.50 – 6.25	7.40 – 8.90	11.40 – 12.70
Plank, imitation			
3/8" – 1/2" ..	6.40 – 7.10	7.90 – 9.85	11.30 – 13.65
3/4" – 13/16" ..	6.90 – 7.80	8.35 – 11.20	11.65 – 15.90
Parquet,			
3/4" – 13/16" ..	7.40 – 8.30	9.15 – 12.40	12.70 – 18.60
3/16" – 1/2" ..			
in mastic ..	5.05 – 5.90	6.95 – 9.45	10.80 – 15.50
3/4" – 13/16" ..			
in mastic ..	6.05 – 7.00	9.35 – 11.15	12.00 – 17.70
Softwood			
Strip,			
3/4" – 13/16" ..	\$4.35 – \$5.00	\$5.25 – \$6.40	\$7.30 – \$8.20
Gymnasium Flooring			
Hardwood flooring on subfloor and sleepers, per square foot			\$7.50 – \$12.25
Portable floors on 2 x 4s and 2 x 6s, per square foot			8.00 – 13.50

For synthetic and other special sports surfaces, see Section UIP 17.

MOLDING AND TRIM

(Cost per linear foot)

FLOOR BASE		
Ceramic or quarry tile	\$ 6.40 –	\$ 9.40
Epoxy or diato topset	4.55 –	6.65
Hardwood	1.45 –	3.00
ornate	3.65 –	6.05
Plastic	1.35 –	2.40
Softwood	1.30 –	2.65
Terrazzo	7.60 –	10.90
Vinyl or rubber topset	1.25 –	2.05

CEILING TRIM

Hardwood	\$ 1.85 –	\$ 7.30
ornate	8.50 –	28.55
Metal	4.25 –	10.00
Plaster, cast	11.25 –	28.50
Plastic	1.70 –	4.60
Softwood	1.60 –	5.75

CHAIR AND WALL RAILS

Hardwood	\$ 2.00 –	\$ 7.00
Metal	14.25 –	29.75
stainless steel	43.00 –	72.25
Plaster, reinforced	10.00 –	25.75
Plastic	1.70 –	4.25
Softwood	1.60 –	5.50

MISCELLANEOUS

Ceiling medallions, wood or cast plaster, each,		
small	\$100.00 –	\$ 225.00
large, over 2' diameter	275.00 –	925.00
Wall niches, cast plaster, each	600.00 –	1,150.00

For mantels, see Section UIP 12.

INTERIOR CONSTRUCTION

SECTION UIP 2

CEILING COSTS

(Cost per square foot)

Costs of ceilings, with the exception of suspended or dropped ceilings, do not include framing, as flat plaster on lath is usually supported by the bottom of the floor joists or roof structure. Painting or other finish typical of the quality and type of ceiling is included. For wallpaper, see Section UIP 5.

For finished buildings and residences, ceiling joists are considered in the roof structure costs. In plain buildings such as industrials and warehouses, no such allowance is made, and where a ceiling exists under a roof, the cost of ceiling joists must be added, as in all instances where special ceiling framing is needed.

A ceiling structure hung by wires or supports is a suspended ceiling, and the cost of the suspension system must be added, except as noted.

To convert costs to floor area for high-pitched ceilings, use the roof-slope multipliers from Section UIP 4.

TYPE	COST RANGE	
Acoustical ceilings, tile or panels:		
metal panels, including pads and suspension system	\$ 4.50 –	\$ 9.75
mineral fiber, fiberglass, tiles only (1' x 1')	1.40 –	3.20
panels only (2' x 2' or 4') . . . . .	.75 –	2.70
mirror-faced panels only	12.25 –	19.00
organic fiber, wood or cane, tiles only	1.25 –	2.20
Embossed metal	3.10 –	10.10
Fiberboard panels	1.00 –	1.70
Gypsum board, taped and painted	1.30 –	1.95
spray-on, texture	1.25 –	1.80
Hardboard paneling, 1/4", decorative	1.80 –	3.70
Paint only, on bottom of roof or floor structure . . . . .	.40 –	1.05
Plaster on lath: acoustical	2.50 –	4.20
spray-on (thincoat w/texture) on lath	1.85 –	2.90
standard, add 20% for Keene's	2.25 –	3.70
add for metal lath . . . . .	.35 –	.60
Plaster on masonry soffit: acoustical	2.15 –	3.60
spray-on (thincoat w/texture)	1.45 –	2.30
standard, add 23% for Keene's	1.85 –	3.10
Plaster panels, reinforced, decorative	9.25 –	13.50
Plastic panels, including suspension system but excluding lighting (included in electrical cost)	3.90 –	8.40
Plywood paneling, softwood, 1/4" – 3/8"	1.95 –	3.60
hardwood, 1/4" – 3/8"	2.80 –	5.70
coffered or vaulted panel with molding	6.25 –	18.00
custom woods, site built	16.25 –	29.75
Plylaminated panels	2.00 –	3.00
insulated panels	3.00 –	4.60
Wood, boards or T&G, softwood, 1/2"	1.90 –	3.90
hardwood, 1/2"	3.25 –	6.45
hardwood, decorative carved or coffered	5.50 –	21.25
Add for wood furring . . . . .	.60 –	1.25
Add for metal furring . . . . .	.95 –	2.05
Add for ceramic tile finish	7.75 –	20.00
custom tile	17.25 –	34.75
Add for ceiling structure which is not part of the roof or floor structure . . . . .	.95 –	2.05
Add for suspended ceiling, metal . . . . .	.85 –	1.95
Add for suspended ceiling, fiberglass	1.30 –	2.70
Add for suspended ceiling, hardwood decorative	2.30 –	6.15
For ceiling insulation or exposed plank or deck, see detailed costs in Section UIP 4.		
For art glass, see Section UIP 6.		

INTERIOR DECORATING

The following costs are for the highly specialized type of ornamental finishes associated with auditoriums, public buildings and some high-value theaters. These figures are generally included in the costs in the Calculator and Segregated Cost Methods. In some cases, however, it may be desirable to make separate estimates of ornamented interiors. If a figure on the ornamentation is desired, the method suggested is to multiply the total area of all decorated surfaces by the costs given below.

The assessor who uses these costs must ascertain the proper classification. As a guide, small or neighborhood cinemas will usually fit into the plain category, the medium-size theater will be in the average category and the expensive major theater will normally be in the expensive classification.

A study of the individual structures will enable the assessor to place the type of decoration in the cost range. Two or more of the classifications listed may be found in one building. Thus, a theater auditorium may be extensively decorated and the foyer relatively plain. Both the extent of the decoration and the relative cost of the medium employed should be considered.

PLAIN DECORATING . . . This consists largely of flat or plain color work, some border or cove stenciling, or a minimum of plaster staff or other ornamental medium.

\$3.00 to \$4.75 per square foot

AVERAGE DECORATING . . . This includes basic flat work and considerable ornamental treatment of openings, columns, beams and arch facings; also a limited amount of staff, terra cotta, marble or tile, such as for niches, plaques or crestings.

\$7.50 to \$21.75 per square foot

EXTENSIVE DECORATING . . . This ranges from the upper limit of the average class to the finest type wherein the surfaces are largely covered with intricate designs in expensive media.

\$27.50 to \$56.50 per square foot

Detailed costs for stone and marble veneers can be found in Section UIP 6.

Hand-painted murals by famous artists must be valued by a qualified art appraiser, but those by commercial or billboard artists usually cost \$50.50 to \$78.50 per square foot. Simple hand-painted stenciling will cost \$15.75 to \$31.25 per square foot.

Photo murals in black and white or sepia, pasted on the wall, will cost \$12.00 to \$21.75 per square foot. In color, the cost is \$30.75 to \$67.25.

Staff, stone or wood ornamentation will usually take the same depreciation as the building, but items of artistic merit may depreciate little, and ornamentation which is subject to wear may depreciate at a high rate. Works designated as having historical or artistic merit must be valued by fine arts specialists.

INTERIOR CONSTRUCTION

SECTION UIP 2

CABINETS

(Cost per linear foot)

TYPE	LOW	AVG.	GOOD	HIGH COST
Base cabinets				
paint or print, laminates	\$ 59.00	\$ 96.00	\$145.00	\$385.00
natural, lacquer finish	76.00	120.00	185.00	455.00
resins, baked enamel	495.00	595.00	710.00	855.00
metal	80.00	120.00	180.00	410.00

For island cabinetry, add 10% to 20%; peninsula (doors both sides), add 55% to 65%.

For lazy-susan, add 10%.

For matching stove/sink fronts only, deduct 60%.

Wall cabinets, 12" deep by 30" high

paint or print, laminates	\$ 50.00	\$ 76.00	\$110.00	\$260.00
natural, lacquer finish	59.00	87.00	140.00	335.00
resins, baked enamel	380.00	435.00	510.00	595.00
metal	60.00	90.00	135.00	285.00

For peninsula (double sided), add 60% to 75%.

For each 6" variation from base, add or deduct 10%.

For undercabinet canopies with recessed lighting, add \$13.25 to \$26.50 per linear foot.

Full height, utility (broom, water heater, wardrobe)

paint or print, laminates	\$ 87.00	\$140.00	\$ 230.00	\$ 595.00
natural, lacquer finish	110.00	180.00	290.00	740.00
resins, baked enamel	790.00	960.00	1,155.00	1,395.00
metal	110.00	175.00	265.00	650.00

For storage, oven or linen, add 30% to 35%. High cost, add 5% to 10%.

For garage storage or work benches, deduct 10% to 25%.

Pullman or vanity bases

paint or print, laminates	\$ 48.00	\$ 76.00	\$120.00	\$300.00
natural, lacquer finish	59.00	92.00	145.00	385.00
resins, baked enamel	355.00	425.00	530.00	625.00

Built-in desks

paint or print, laminates	71.00	97.00	135.00	280.00
natural, lacquer finish	80.00	114.00	160.00	355.00
resins, baked enamel	520.00	555.00	590.00	625.00

Open shelves

8" paint or print, laminates	3.00	6.50	13.25	59.25
natural, lacquer finish	3.25	7.00	15.50	73.25
metal	5.50	9.75	19.00	65.75
12" paint or print, laminates	3.25	7.25	15.50	73.25
natural, lacquer finish	4.00	8.00	18.00	88.50
metal	6.25	11.50	21.50	78.00

COUNTER OR SINK TOPS

(Cost per linear foot. Do not deduct sink or other built-in space.)

TYPE	COST RANGE
Laminated plastic	\$11.00 – \$ 88.00
Solid plastic	
(Avonite, Corian, Nevamar, etc.)	67.00 – 127.00
add for integral sink	37.00 – 90.00
Marble, cultured with integral sink	55.00 – 88.00
Marble or granite	88.00 – 227.00
Metal, stainless steel	69.00 – 132.00
Tile	31.00 – 118.00
custom hand-painted	69.00 – 177.00
Wood	32.00 – 95.00

RESTROOM ACCESSORIES

(Cost each except as noted)

Baby changing station, foldout	\$ 280.00 – \$ 390.00
stainless steel	1,350.00 – 1,625.00
child protection seat	85.00 – 135.00
Dispensers, facial tissue, surface	40.00 – 145.00
custom residential or recessed	175.00 – 290.00
paper cup	30.00 – 80.00
paper towel, surface	50.00 – 505.00
combination waste receptacle	205.00 – 670.00
recessed	110.00 – 615.00
combination waste receptacle	180.00 – 840.00
sanitary napkin	195.00 – 540.00
combination disposal unit	560.00 – 840.00
seat cover, surface	45.00 – 90.00
recessed	85.00 – 290.00
dual unit	175.00 – 265.00
soap	40.00 – 95.00
surface mounted	30.00 – 155.00
recessed	100.00 – 180.00
custom dishes	75.00 – 170.00
three-station w/liquid storage system	1,075.00 – 1,125.00
toilet paper	35.00 – 195.00
recessed	40.00 – 95.00
custom holders or dual unit	65.00 – 390.00
Grab bars	35.00 – 55.00
L shape	105.00 – 150.00
swinging or custom	195.00 – 550.00
fold-up seat, handicapped	100.00 – 675.00
Hand dryers	430.00 – 1,300.00
Medicine cabinets, surface	65.00 – 330.00
recessed	100.00 – 450.00
Mirrors, to 12 sq. ft., framed, per sq. ft.	35.00 – 60.00
custom residential	100.00 – 235.00
over 12 sq. ft., unframed	15.00 – 35.00
Robe hooks	15.00 – 50.00
custom	50.00 – 160.00
Shelves, per linear foot	30.00 – 75.00
custom residential	100.00 – 245.00
Toilet seats	35.00 – 135.00
custom	110.00 – 450.00
raised seat, handicapped	100.00 – 180.00
Towel bars	20.00 – 80.00
custom	150.00 – 550.00
rings, custom	75.00 – 225.00
Urns	95.00 – 220.00
Waste receptacles	75.00 – 295.00
custom residential	260.00 – 475.00
sanitary napkin disposal	35.00 – 225.00

NOTE: Equipment and cabinet costs for some occupancies can be found in Section UIP 15.

INTERIOR CONSTRUCTION

SECTION UIP 2

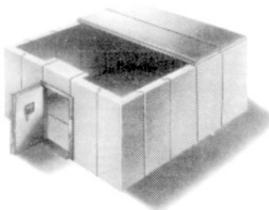
VAULTS

Costs per square foot of floor area for poured-in-place construction are based on an average eight-foot ceiling height, exclusive of floors and doors, but including built-in alarm systems, ventilators and interior finish. Add or deduct 2% for each foot of height variation.

TYPE	COST RANGE	
Security vault	\$113.00 –	\$185.00
Record storage	46.00 –	63.00

MODULAR VAULT SYSTEMS

Costs per square foot of floor area are based on an average eight-foot ceiling height exclusive of floors and doors, but including built-in alarm systems, ventilators and interior finishes for solid precast panel construction. All modular vault systems shown are comprised of U.L. listed components. For other than ground level construction, add 30% to 40% for security vault systems comprised of laminated lightweight panels.



Security Vault Systems – Attack Resistance-Rated Components

Class M	\$36.00 –	\$41.00
Class 1	41.00 –	56.00
Class 2	51.00 –	77.00
Class 3	85.00 –	98.00

Insulated/Record Storage Vault Systems – Fire Resistance-Rated Components

1 Hour	\$30.00 –	\$39.00
2 Hour	37.00 –	41.00
4 Hour	40.00 –	49.00
6 Hour	48.00 –	56.00

VAULT DOORS

Costs for security vault doors include door delivered to premises and installed with time lock, day gate, sill and other hardware. Cost for insulated/record storage doors includes complete installation. Costs shown are for doors with clear opening of 78" high x 40" wide; reduce costs by 15% for doors 78" high x 32" wide. These vault doors are shown by U.L. listing. Older, unrated rectangular doors are shown in approximate equivalence to current U.L. listings. Circular doors are no longer made; the listed costs are normal at the time installed trended to date.

Security Vault Doors – Attack-Resistance Rating

Class M (2" – 3" thick)	\$ 6,000.00 –	\$ 9,000.00
Class 1 (3½" – 6" thick)	16,250.00 –	23,750.00
Class 2 (7" – 9" thick)	19,750.00 –	30,750.00
Class 3 (10" thick)	27,750.00 –	44,750.00

Insulated/Record Storage Vault Doors – Fire-Resistance Rating

1 Hour	\$ 2,500.00 –	\$ 3,500.00
2 Hour	2,750.00 –	4,000.00
4 Hour	3,250.00 –	4,250.00
6 Hour	4,500.00 –	5,250.00

Circular Vault Doors – Thickness

8"	\$ 96,000.00 –	\$121,000.00
10"	102,500.00 –	130,000.00
12"	110,000.00 –	138,000.00
14"	119,000.00 –	147,500.00
16"	127,000.00 –	157,500.00

SAFE DEPOSIT BOXES AND LOCKERS

Costs of modular steel units, 24" deep, completely installed, per box. Add 10% for custom-built units. Deduct 25% for aluminum units.

TYPE	COST RANGE	
3" x 5"	\$ 63.00 –	\$ 81.00
5" x 5"	85.00 –	99.00
3" x 10"	90.00 –	103.00
5" x 10"	115.00 –	135.00
10" x 10"	180.00 –	230.00
5" x 16"	210.00 –	250.00
11" x 16"	345.00 –	515.00
22" x 16"	760.00 –	965.00
44" x 16" (includes 4" base)	1,400.00 –	1,675.00

BANK FIXTURES

Costs for teller stations include teller cages, undercounter equipment, service counters, islands, alarm systems, and other equipment not listed individually on this page.

Cost per teller station	\$6,400.00 –	\$8,600.00
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Costs for hardened steel plates include complete installation with necessary accessories. Hardened steel plate, per square foot.

1/2"	\$ 54.00 –	\$ 84.00
1"	85.00 –	135.00
2"	123.00 –	184.00

For security surveillance equipment, see Section UIP 3.

TRANSACTION EQUIPMENT

Night deposit chutes and boxes, each ..	\$ 9,000.00 –	\$16,250.00
Drive-up/walk-up windows, each	7,500.00 –	13,000.00
vision window only, per station	1,600.00 –	1,850.00

Pneumatic drive-up system, excluding canopy, window, and other site improvements.

For multiple installations: deduct 20% for second unit; 2% for each unit thereafter.

Cost per station	15,250.00 –	27,250.00
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Customer TV monitor systems, per station	45,500.00 –	54,500.00
add for remote cameras, each	1,450.00 –	1,950.00

Automated teller machines		
lobby/retail units, each	13,250.00 –	33,750.00
drive-up/walk-up through-wall units, stand-alone island units	37,000.00 –	53,750.00

For ATM structures, see Section UIP 14.

INTERIOR CONSTRUCTION

SECTION UIP 2

CLEAN ROOMS DEFINITIONS

Each clean room space is specially engineered based on how clean the room must be. Costs can vary greatly for each of the three basic cost ranges and should be used with caution. We would recommend that, wherever possible, actual contract costs be obtained.

Clean room space is subdivided into three types classified by the number of particles of a certain size present in a cubic foot of air. The classifications used in this book are described below:

Type 1: Class 100,000 to 10,000. This cost range represents cleaned space that has no more than 100,000 to 10,000 particles of 0.5 microns or larger per cubic foot of air.

Type 2: Class 1,000 to 100. This cost range represents cleaned space that has no more than 1,000 particles no larger than 0.3 microns or larger, to 100 particles of 0.3 microns or larger, per cubic foot of air.

Type 3: Class 100 to 10. This cost range represents cleaned space that has no more than 100 particles no larger than 0.3 microns, to 10 or fewer particles of 0.12 microns or smaller, per cubic foot of air.

MODULAR ROOM ENCLOSURE SYSTEMS

Cost each, based on an average 8-foot ceiling height exclusive of floors or roof deck, but including downflow filtered air flow, lighting and ceiling panel and wall modules appropriate for the two enclosure types.

PREFABRICATED HARDWALL ROOMS

ROOM SIZE (SQ. FT.)	COST RANGE		
	Type 1	Type 2	Type 3
50	\$ 6,250	\$13,500	\$ 20,750
100	10,000	20,250	31,250
150	14,000	27,500	44,250
200	18,000	35,750	57,000
300	24,000	47,000	76,250
400	31,250	63,250	107,000

VINYL CURTAIN ROOMS

ROOM SIZE (SQ. FT.)	COST RANGE		
	Type 1	Type 2	Type 3
50	\$ 3,250	\$ 5,000	\$15,000
100	5,500	7,250	21,750
150	7,500	7,500	32,000
200	9,750	9,750	42,000
300	13,000	13,000	55,000
400	19,000	19,000	84,000

For curtain tunnels and horizontal airflow, add 50% to 70%.

For pass-thru chambers, add \$320 to \$2,975.

Personnel air showers, 16 to 30 square feet, add \$11,750 to \$19,000 per unit.

CLEAN ROOM EQUIPMENT

COST EACH	COST RANGE
Clean room storage cabinets, filtered	\$3,900 – \$5,000
unfiltered	2,800 – 3,400
Containment weigh station	4,500 – 6,200

Work stations, laminated finish, horizontal laminar flows,	
3' to 5' long	3,900 – 6,200
6' to 8' long	5,900 – 9,100

For table-mount units without base cabinet, deduct 10%. For down-flow units, add 10%; vertical recirculation or negative flow, add 25%. For polypropylene units, add an additional 100%. For wet stations without hood (air flow), deduct 40%.

For general laboratory equipment, see Section UIP 15.

MISCELLANEOUS INTERIOR ITEMS

UNIT	COST RANGE
Building directories, 6 to 12 sq. ft., per sq. ft.	\$ 130 – \$ 335
12 to 24 square feet, per square foot	105 – 280
Mail chutes, per floor	2,025 – 3,575
Mail collection boxes, single, each	1,390 – 1,775
double, each	2,150 – 3,125
Mail boxes, apartment type, 4 – 8 units, each unit	30 – 75
over 8 units, each unit	20 – 65
horizontal, each door	35 – 45
post office type, wall unit, each door	20 – 90
free-standing, each door	10 – 15
Plaques, bronze, per square foot	225 – 415
Sound system, base cost	615 – 1,110
add per speaker, paging only	65 – 120
music and voice	150 – 205
Telephone enclosures, wall hung	635 – 1,260
full height	2,525 – 3,475
handicapped, portable amplifiers	35 – 45
telecommunicators	335 – 560
Television antenna system, per outlet	95 – 145

For waste/linen chutes, see Section UIP 12.

KITCHEN UNITS

Average costs per linear foot of single-unit steel kitchens such as those found in motels, efficiency apartments, etc., containing sink, stove, oven and refrigerator. Add \$50.00 per foot for snack bar. Add \$610 to \$1,275 for microwave oven.

UNIT	COST RANGE
Base section only (72" to 30")	\$525.00 – \$675.00
Base section and upper cabinets	700.00 – 775.00