

04 22 Concrete Unit Masonry

04 22 10 – Concrete Masonry Units

| 04 22 10.24 Concrete Block, Exterior | | Crew | Daily Output | Labor Hours | Unit | Material | 2022 Bare Costs | | Total | Total Incl O&P |
|--------------------------------------|---|------|--------------|-------------|------|----------|-----------------|-----------|-------|----------------|
| | | | | | | | Labor | Equipment | | |
| 0010 | CONCRETE BLOCK, EXTERIOR, C90, 2000 psi | | | | | | | | | |
| 0020 | Reinforced alt courses, tooled joints 2 sides | | | | | | | | | |
| 0100 | Normal weight, 8" x 16" x 6" thick | D-8 | 395 | .101 | S.F. | 2.43 | 5.20 | | 7.63 | 10.45 |
| 0200 | 8" thick | | 360 | .111 | | 4.58 | 5.70 | | 10.28 | 13.60 |
| 0250 | 10" thick | | 290 | .138 | | 4.36 | 7.05 | | 11.41 | 15.40 |
| 0300 | 12" thick | D-9 | 250 | .192 | | 5 | 9.60 | | 14.60 | 20 |
| 0500 | Lightweight, 8" x 16" x 6" thick | D-8 | 450 | .089 | | 3.28 | 4.55 | | 7.83 | 10.45 |
| 0600 | 8" thick | | 430 | .093 | | 5.30 | 4.76 | | 10.06 | 12.95 |
| 0650 | 10" thick | | 395 | .101 | | 4.38 | 5.20 | | 9.58 | 12.60 |
| 0700 | 12" thick | D-9 | 350 | .137 | | 4.74 | 6.85 | | 11.59 | 15.50 |

04 22 10.26 Concrete Block Foundation Wall

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|------|--|-----|-----|------|------|------|------|--|-------|-------|
| 0010 | CONCRETE BLOCK FOUNDATION WALL, C90/C145 | | | | | | | | | |
| 0050 | Normal-weight, cut joints, horiz joint reinf, no vert reinf. | | | | | | | | | |
| 0200 | Hollow, 8" x 16" x 6" thick | D-8 | 455 | .088 | S.F. | 4.52 | 4.50 | | 9.02 | 11.75 |
| 0250 | 8" thick | | 425 | .094 | | 3.13 | 4.81 | | 7.94 | 10.70 |
| 0300 | 10" thick | | 350 | .114 | | 4.38 | 5.85 | | 10.23 | 13.60 |
| 0350 | 12" thick | D-9 | 300 | .160 | | 5.05 | 8 | | 13.05 | 17.60 |
| 0500 | Solid, 8" x 16" block, 6" thick | D-8 | 440 | .091 | | 3.95 | 4.65 | | 8.60 | 11.35 |
| 0550 | 8" thick | " | 415 | .096 | | 4.21 | 4.93 | | 9.14 | 12.05 |
| 0600 | 12" thick | D-9 | 350 | .137 | | 4.20 | 6.85 | | 11.05 | 14.90 |

04 22 10.28 Concrete Block, High Strength

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|------|--|-----|-----|------|------|------|------|--|-------|-------|
| 0010 | CONCRETE BLOCK, HIGH STRENGTH | | | | | | | | | |
| 0050 | Hollow, reinforced alternate courses, 8" x 16" units | | | | | | | | | |
| 0200 | 3500 psi, 4" thick | D-8 | 440 | .091 | S.F. | 2.50 | 4.65 | | 7.15 | 9.75 |
| 0250 | 6" thick | | 395 | .101 | | 2.34 | 5.20 | | 7.54 | 10.35 |
| 0300 | 8" thick | | 360 | .111 | | 4.49 | 5.70 | | 10.19 | 13.50 |
| 0350 | 12" thick | D-9 | 250 | .192 | | 4.90 | 9.60 | | 14.50 | 19.85 |
| 0500 | 5000 psi, 4" thick | D-8 | 440 | .091 | | 2.23 | 4.65 | | 6.88 | 9.45 |
| 0550 | 6" thick | | 395 | .101 | | 3.06 | 5.20 | | 8.26 | 11.15 |
| 0600 | 8" thick | | 360 | .111 | | 4.13 | 5.70 | | 9.83 | 13.10 |
| 0650 | 12" thick | D-9 | 300 | .160 | | 4.88 | 8 | | 12.88 | 17.40 |
| 1000 | For 75% solid block, add | | | | | 30% | | | | |
| 1050 | For 100% solid block, add | | | | | 50% | | | | |

04 22 10.30 Concrete Block, Interlocking

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|------|---|-----|-----|------|------|-------|------|-----|-------|-------|
| 0010 | CONCRETE BLOCK, INTERLOCKING | | | | | | | | | |
| 0100 | Not including grout or reinforcing | | | | | | | | | |
| 0200 | 8" x 16" units, 2,000 psi, 8" thick | D-1 | 245 | .065 | S.F. | 2.95 | 3.27 | | 6.22 | 8.15 |
| 0300 | 12" thick | | 220 | .073 | | 3.90 | 3.65 | | 7.55 | 9.75 |
| 0350 | 16" thick | | 185 | .086 | | 6.05 | 4.34 | | 10.39 | 13.15 |
| 0400 | Including grout & reinforcing, 8" thick | D-4 | 245 | .131 | | 8.85 | 6.60 | .57 | 16.02 | 20.50 |
| 0450 | 12" thick | | 220 | .145 | | 10.10 | 7.35 | .63 | 18.08 | 23 |
| 0500 | 16" thick | | 185 | .173 | | 12.55 | 8.75 | .75 | 22.05 | 27.50 |

04 22 10.32 Concrete Block, Lintels

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|------|---|-----|-----|------|------|------|------|-----|-------|-------|
| 0010 | CONCRETE BLOCK, LINTELS, C90, normal weight | | | | | | | | | |
| 0100 | Including grout and horizontal reinforcing | | | | | | | | | |
| 0200 | 8" x 8" x 8", 1 #4 bar | D-4 | 300 | .107 | L.F. | 5.10 | 5.40 | .46 | 10.96 | 14.20 |
| 0250 | 2 #4 bars | | 295 | .108 | | 5.40 | 5.50 | .47 | 11.37 | 14.65 |
| 0400 | 8" x 16" x 8", 1 #4 bar | | 275 | .116 | | 4.39 | 5.90 | .50 | 10.79 | 14.20 |
| 0450 | 2 #4 bars | | 270 | .119 | | 4.72 | 6 | .51 | 11.23 | 14.75 |
| 1000 | 12" x 8" x 8", 1 #4 bar | | 275 | .116 | | 6.65 | 5.90 | .50 | 13.05 | 16.70 |
| 1100 | 2 #4 bars | | 270 | .119 | | 7 | 6 | .51 | 13.51 | 17.25 |