

ESTIMATING COLOR QUANTITY

SOLOMON COLORS



Masonry Cement

COMPRESSIVE STRENGTH - Compressive strength at 28 days

| | |
|--------|----------|
| Type M | 2500 psi |
| Type S | 1800 psi |
| Type N | 750 psi |

MORTAR PROPORTIONS - Mortar proportions using masonry cement

| Mortar Type | Portland Cement | Masonry Cement | Sand |
|-------------|-----------------|----------------|----------|
| M | 1 Bag | 1 Bag | 6 C. F. |
| S | 1/2 Bag | 1 Bag | 4.5 C.F. |
| N,S or M | 0 | 1 Bag | 3 C.F. |

ESTIMATING QUANTITIES Quantities listed below are for 1,000 masonry units using masonry cement mortars.

| No. of Solomon A, H or X Series Color Units Needed per 1000 Masonry Units | Unit | Mortar Type | Lbs. of Portland Cement | Lbs. of Masonry Cement |
|---|---|-------------|-------------------------|------------------------|
| 8 | 3 5/8" x 2 1/4" x 8" Std. Brick | M | 329 | 245 |
| 8 | 3 5/8" x 2 1/4" x 8" Std. Brick | S | 219 | 327 |
| 7 | 3 5/8" x 2 1/4" x 8" Std. Brick | N, S, or M | 0 | 490 |
| 11 | 3 5/8" x 3 5/8" x 11 5/8" Utility Brick | M | 423 | 315 |
| 11 | 3 5/8" x 3 5/8" x 11 5/8" Utility Brick | S | 280 | 420 |
| 10 | 3 5/8" x 3 5/8" x 11 5/8" Utility Brick | N, S, or M | 0 | 700 |
| 9 | 3 5/8" x 2 1/4" x 11 5/8" Norman | M | 329 | 245 |
| 9 | 3 5/8" x 2 1/4" x 11 5/8" Norman | S | 235 | 350 |
| 8 | 3 5/8" x 2 1/4" x 11 5/8" Norman | N, S, or M | 0 | 560 |
| 26 | 8" x 8" x 16" Block (avg.) | M | 1034 | 770 |
| 26 | 8" x 8" x 16" Block (avg.) | S | 705 | 1050 |
| 25 | 8" x 8" x 16" Block (avg.) | N, S, or M | 0 | 1750 |
| 25 | 8" x 8" x 16" Spectra Glaze | N, S, or M | 0 | 2100 |
| 22 | 8W Tile | N, S, or M | 0 | 1540 |
| 17 | 6W Tile | N, S, or M | 0 | 1155 |

The number of Solomon Colors "A", "H" or "X" Series Color units needed per 1,000 masonry units was derived by adding the weight of portland cement and masonry cement across vertically for each mortar type - then divide the total weight by 70.

LM3 09/05



Estimating for Masonry Cement ● A, H, X Series Colors