

MASONRY CONVERSION TABLES

Block:

Length of wall X Height of wall = Square footage of wall

Square footage of wall X 1.125 = Number of block required

Example: 200' X 70' = 14,000 sq. ft. X 1.125 = 15,750 block

Masonry Cement:

30 Bags of masonry cement per thousand block

Example: 15,750 ÷ 1,000' = 15.750 X 30 = 472.50 Bags (473 Bags)

Masonry Sand:

3.5 Tons of sand per thousand block

Example: 15,570 ÷ 1,000 = 15, 570 X 3.5 = 55.13 Tons (56 Tons)

Wall Reinforcing: (Ladder of Truss Type)

Number of Block X 1.34 ÷ 2 = Linear feet at 16" O/C (Every 2 courses)

Number of Block X 1.34 ÷ 3 = Linear feet at 24" O/C (Every 3 courses)

Example: 16" O/C - 15,570 X 1.34 = 21,105 ÷ 2 = 10,553 L.F.
 24" O/C - 15,750 X 1.34 = 21,105 ÷ 3 = 7,035 L.F.

Block Fill:

12" Block - Number of Block X .37 ÷ 27 X 1.05 = CU. YDS.

8" Block - Number of Block X .28 ÷ 27 X 1.05 = CU. YDS.

6" Block - Number of Block X .26 ÷ 26 X 1.05 = CU. YDS.

Zonolite Type Fill:

12" Block = 13 Bags per 100 sq. ft. of wall

8" Block = 7 Bags per 100 sq. ft. of wall