





The Tandem Modular Block wall system provides the appearance of natural stone that will complement any hardscape. This innovative and versatile system is a complete hardscape platform that can be used to create attractive, curved or straight freestanding, retaining walls and columns. Great for use in a wide range of residential and light commercial hardscape applications.

- Lightweight and easy to use
- 3 different sizes
- Available as column assembly

# Calculation Guide - Tandem™ Modular Block Freestanding Wall System

## Step 1 - Determine Square Feet (SqFt) of wall face (Length x Height of wall) SqFt of wall face: Includes buried base course $Ft^2 \times 2.6 = # of modular Blocks$ Step 2 Tip - 2.6 modular blocks/FT<sup>2</sup> Modular Blocks required: Step 3 - Multiply wall face SqFt by 2 to account for face and back of wall for total SqFt coverage. $Ft^2 \times 2 = \# of total Ft^2 for FSW$ Total SqFt (face & back): Step 4 - Determine how many connectors you require. Multiply SqFt of Wall Face (Step 1) by 2.6 Connectors required: Step 5 - Determine Linear Feet (LnFt) of wall. To calculate how many Tandem Caps you require, divide total LnFt of wall by 2. Tip - each cap is 24" (2') in length. Total LnFt (linear feet): Tandem Caps required:

## Sample Calculations

#### Sample Tandem Modular Block Wall Calculation

Step 1 - SqFt of Wall Face: 60 SqFt

Step 2 - 60 SqFt of Wall

Face x 2.6 156 Modular Blocks

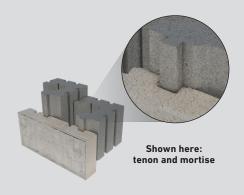
Step 3 - Connectors 60 x 2: 120 SqFt

Step 4 - Connectors 60 x 2.6: 156 Connectors (4.2 / 5 bags)

Step 5 - Caps (20 LnFt) ÷ 2: 10 Tandem Caps Step 6 - U Start (20 LnFt) ÷ 1.39: 15 U Start Blocks



Tandem Modular Block System









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Step 6 - Divide the LnFt of wall by 1.39

Tip - each block covers 1611/16" (1.39') LnFt.

U Start Blocks required:

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