



BELGARD
PAVES THE WAY

Tandem™ Modular Block - *Segmental Retaining Wall* Calculation Guide

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 Segmental Retaining Wall System

1 Step 1 - Determine Square Feet (SqFt) of wall face (Length x Height of wall)
 SqFt of wall face:

Includes buried base course



2 Step 2 - Ft² x 2.6 = # of modular Blocks
 Tip - 2.6 modular blocks/FT²

Modular Blocks required:



3 Step 4 - Determine how many connectors you require.
 Multiply SqFt of Wall Face (Step 1) by 2.6

Connectors required:



4 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:



5 Step 6 - Divide the LnFt of wall by 1.39
 Tip - each block covers 16 1/16" (1.39') LnFt.

U Start Blocks required:

Sample Calculations

Sample Tandem Modular Block Wall Calculation

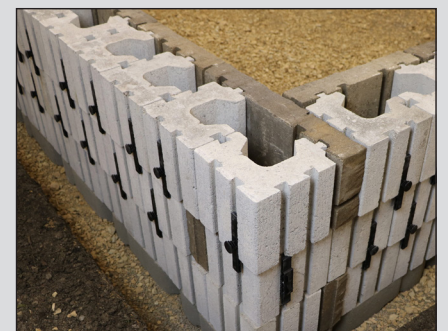
Step 1 - SqFt of Wall Face:	60 SqFt
Step 2 - 60 SqFt of Wall Face x 2.6	156 Modular Blocks
Step 3 - Connectors 60 x 2.6:	156 Connectors (4.2 / 5 bags)
Step 4 - Caps (20 LnFt) ÷ 2:	10 Tandem Caps
Step 5 - U Start (20 LnFt) ÷ 1.39:	15 U Start Blocks



Tandem Modular Block System



Shown here: tenon and mortise



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