

Design Parameters (Maximum Loading)  
 Retained Material : Scrap Metal  
 Material Slope : Level Fill  
 Angle of Repose : 30°  
 Maximum Density : 20 kN/m³ (2000 kgs/m³)

calculations provided by CLP Structures LTD.  
 Job Name : Elite Duoblock Wall - General Loading Calculations  
 Job Number : 572-03  
 Date : March 2017  
 Calculations by : Chris Lyons AMIStructE, Btech, IEng.



Duo™ Block Project Totals

Duo™ Block Schedule - Grand Total				
Code	Dimensions	Count	Wgt (t)	Key
BL1	600 x 600 x 450 x 0.375t	14	5.25	Red
BL2	1200 x 600 x 450 x 0.750t	368	276.0	Green
BL3	1800 x 600 x 450 x 1.125t	15	16.88	Blue

It should be noted that this drawing has been provided as a typical example of what can be achieved using our interlocking blocks, based on existing calculations for various materials / retaining wall loads. The client should satisfy themselves that the walls are fit for their intended use, and that the slab / ground is capable of safely carrying the loads from the walls.

The interlocking blocks are colour coded to help identify the different blocks that are typically used in a design, and are not representative of the actual colour of the blocks.

