

Retaining Walls:

Total Lineal ft. _____ x Conversion Factor _____ x # of rows _____ = Total Bricks Needed

Pavers:

Project Dimensions: Length _____ x Width _____ = Total Square Ft. _____

Lineal ft. of edge (for borders): (2 x Length) _____ + (2 x width) _____ = Total Lineal ft. of edge

Pavers needed: Total sq. ft. of area _____ x Conversion Factor _____ = Total Pavers needed

Edge Stones needed: Total Lineal ft. of edge _____ x Conversion _____ = Total Edge stones needed

NOTE: Number of full edge & half edge stones will vary depending on the laying pattern.

Natural Stone/Flagstone:

1 Tonne will cover about 150 ft² using a 1" thick stone or about 10 lbs per ft²

1 Tonne will cover about 40-50 ft² using a 2-6" thick stone or about 20 lbs per ft²

Dry stacking will use about 100 lbs per sq. ft. of wall face

Conversion Factors:

PISA II or ROMAN PISA II	1.5
STACK STONE	1.8
CORNERSTONE	.67
UNIT BLOK	3.7
HOLLAND	4.7
DOUBLE HOLLAND	2.32
DÉCOR (9 x 5.5)	3.6
DÉCOR EDGE	4.1
TILE STONE	1.0
COBBLE	
LARGE RECTANGLE	4.7
SQUARES	7.0
SMALL RECTANGLE	14.0
ROMAN EURO	
LARGE RECTANGLE (6 x 7")	3.43
SQUARE (6 x 6")	4.0

ROMAN EURO CIRCLE

3 layers of the bag will build a 5' diameter circle

1 full bag (6 layers) will build an 8.5' diameter circle

To Calculate Circles:

Area (pi = 3.14) $\pi * R^2 = \text{area of circle}$ OR Diameter x Diameter x .7864

Ie: Diameter of circle is 12' --- $3.14 \times 6 \text{ (radius)} \times 6 \text{ (radius)} = 113 \text{ ft}^2$ or

--- $12 \times 12 \times .7864 = 113 \text{ ft}^2$

Circumference (lineal footage around the outside of the circle) or $2 * \pi * R$

Ie: Diameter is 12' --- Circumference is $2 \times 3.14 \times 6 \text{ (radius of circle or } \frac{1}{2} \text{ of diameter)}$
= 38 lineal ft.