

ESTIMATING

MATERIALS ESTIMATION WORKSHEET

VERSA-LOK® Units

Area of Wall (SF) x 1.5 Units per SF = Number of Units

_____ SF x 1.5 = _____ Units Needed

VERSA-TUFF® Pins

Units x 2 Pins per Unit = Number of Pins

_____ Units x 2 = _____ Pins Needed

Caps

Lineal Feet of Wall (LF) x .75 = Number of Caps

_____ LF x .75 = _____ Caps Needed

Concrete Adhesive

11 oz. Tube: 12 LF per Tube

_____ LF ÷ 12 = _____ Tubes Needed

ESTIMATING—MOSAIC®

MATERIALS ESTIMATION WORKSHEET FOR MOSAIC®

VERSA-LOK® Standard Units

Area of Wall (SF) ÷ 1.66 = Number of Standard Units

_____ SF ÷ 1.66 = _____ Standard Units Needed

VERSA-LOK® Cobble Units

Area of Wall (SF) ÷ 1.66 = Number of Cobble Units

_____ SF ÷ 1.66 = _____ Cobble Units Needed

VERSA-LOK® Accent Units

Area of Wall (SF) ÷ 1.66 x 2 = Number of Accent Units

_____ SF ÷ 1.66 x 2 = _____ Accent Units Needed

VERSA-TUFF® Snap-off Pins

Area of Wall (SF) ÷ 1.66 x 8 = Number of Pins

_____ SF ÷ 1.66 x 8 = _____ Pins Needed

Caps

Lineal Feet of Wall (LF) x .75 = Number of Caps

_____ LF x .75 = _____ Caps Needed

Concrete Adhesive

11 oz. Tube: 12 LF per Tube

_____ LF ÷ 12 = _____ Tubes Needed

BASE COURSE

When using all VERSA-LOK® Standard units for the base course, estimate the base course separate from the exposed wall square footage.

Assuming only 1 course of embedment:

Lineal Feet of Wall (LF) x .75 = Number of Standard Units for Base Course

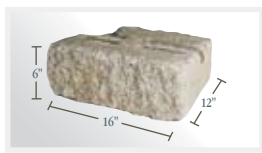
_____ LF x .75 = Standard Units Needed

Base course of VERSA-LOK® Standard units does not require pins.

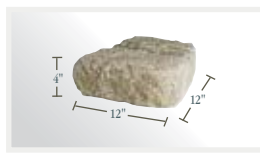
PLANNING, ESTIMATING & FINAL DESIGNS

MOSAIC® UNIT ESTIMATION CHART

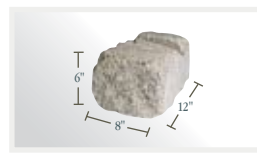
Each Mosaic® panel is 1.66 square feet in wall-face area. For each panel, there is one Standard unit, two Accent units, and one Cobble unit. The following formulas and table may be used to estimate quantities of units required for a Mosaic® retaining wall project.



No. of STANDARD UNITS =
Wall Square Footage ÷ 1.66



No. of ACCENT UNITS =
Wall Square Footage ÷ 1.66 x 2



No. of COBBLE UNITS =
Wall Square Footage ÷ 1.66

VERSA-LOK® MOSAIC® UNIT QUANTITY ESTIMATION CHART*

each panel requires 8 pins

EXPOSED WALL Height	EXPOSED WALL Length	10 feet	12 feet	14 feet	16 feet	18 feet	20 feet	22 feet	24 feet	26 feet	28 feet	30 feet
10 inches	Standard	5	6	7	8	9	10	11	12	13	14	15
	Cobble	5	6	7	8	9	10	11	12	13	14	15
	Accent	10	12	14	16	18	20	22	24	26	28	30
20 inches	Standard	10	12	14	16	18	20	22	24	26	28	30
	Cobble	10	12	14	16	18	20	22	24	26	28	30
	Accent	20	24	28	32	36	40	44	48	52	56	60
30 inches	Standard	15	18	21	24	27	30	33	36	39	42	45
	Cobble	15	18	21	24	27	30	33	36	39	42	45
	Accent	30	36	42	48	54	60	66	72	78	84	90
40 inches	Standard	20	24	28	32	36	40	44	48	52	56	60
	Cobble	20	24	28	32	36	40	44	48	52	56	60
	Accent	40	48	56	64	72	80	88	96	104	112	120

*This chart does not include estimates for embedded (buried) units. The quantity of embedded units (generally all Standard units) should also be added to these quantities.