



Installation Guide

PS-3000 WAFFLE GRID

ESTIMATING WORKSHEET

1. PolySteel Forms. You must know the total linear feet of walls to be formed and the height of each wall.

_____ Total Wall Lengths Divided by 4 = _____ Forms per course

_____ Forms Per Course X _____ Courses = _____ Gross Wall Forms

_____ Gross Wall Total - _____ * Window and Door Area Forms = _____ Net Wall Forms

_____ Corners X _____ Courses = **Total Corner Forms**

_____ Net Wall Forms - _____ Total Corner Forms = **Total Straight Forms** >.....

* Take window and door opening area X 75% then divide by 5.33 to determine forms to be deducted for openings.

2. Reinforcing Steel (Rebar). You must know the spacing of the vertical and horizontal rebar required.

Horizontal. Perimeter Length _____ Divided by 16 = _____ X
 _____ Horizontal Rebar Runs = 20' Rebar pcs.

Vertical. Perimeter Length _____ Divided by Foot Spacing _____ =
 Rebar (wall height) _____ in length pcs.

Openings. Per Engineered Design

3. Concrete. Concrete should be a minimum 2,500 psi mix with 1/2" or less aggregate and delivered at a 5" slump.

_____ PS•3600	6" Straight Forms Divided by 13.5 Forms per yard	_____
_____ PS•3645	6" 45° Corner Forms Divided by 54 Forms per yard	_____
_____ PS•3690	6" 90° Corner Forms Divided by 16.5 Forms per yard	_____
_____ PS•3800	8" Straight Forms Divided by 10 Forms per yard	_____
_____ PS•3845	8" 45° Corner Forms Divided by 40 Forms per yard	_____
_____ PS•3890	8" 90° Corner Forms Divided by 12.5 Forms per yard	_____
_____ PS•3100	10" Straight Forms Divided by 7.5 Forms per yard	_____
_____ PS•3190	10" 90° Corner Forms Divided by 14 Forms per yard	_____

TOTAL CONCRETE TO ORDER..... _____

4. VBuck. You must know the number and size of the window and door rough openings you want to form.

VBuck. Perimeter of Openings _____ Divided by 16 = _____ (Round up to next largest number and add 1 piece per every 10 openings) = _____ pieces of VBuck.

Connectors. Window Openings X 8 for 6" Forms + Door Openings X 4.
 Add center connectors for 11" VBuck and larger.

