



Weights of Clay Needed For Ware Sizes

How much clay amount do you use for a specific thrown pot's dimensions?

The table below illustrates estimates of clay weight in Lbs. per thrown pot's dimensions. If you are just starting, perhaps you want to add 25% for thicker walls on bottom. The amount of clay will change depending how tall you plan the pot's foot to be and how much trimming it requires. The larger the pot, the more clay you will need per cubic inch due to thicker walls to proportionately reflect the pot's size.

No.	Finished Item After Firing *	Clay's weight lbs./oz.	Height inches **	Width inches **
1	6 oz. coffee mug	10 oz.	3	3
2	8 oz. coffee mug	14 oz.	5	3
3	14 oz. beer mug	1 lb. 5 oz.	7	3.5
4	Saucer	13 oz.	1	5.5
5	Large dinner plate	4 lb.	1.25	11.5
6	Medium dinner plate	3 lb.	1	10
7	Side plate	2 lb. 3 oz.	1	8
8	Bread and butter plate	1 lb. 5 oz.	0.75	6.5
9	Large bowl	5 lb. 12 oz.	6	12
10	Medium bowl	4 lb.	4.5	10
11	Small bowl	1 lb. 6 oz.	3	6
12	Large mixing bowl	4 lb.	4.5	10
13	4 quart casserole	5 lb. 12 oz.	8	12
14	2 quart casserole	4 lb.	4.5	8.5
15	1 quart casserole	2 lb. 3 oz.	4	6.5
16	cream pitcher	14 oz.	5	3
17	1 pint pitcher	1 lb. 8 oz.	6.5	4
18	4 pint pitcher	5 lb. 12 oz.	14	6
19	Large teapot	4 lb. 6 oz.	8	8
20	Medium teapot	3 lb. 6 oz.	6	6
21	Small teapot	2 lb. 3 oz.	4.5	5
22	1 liter wine decanter	4 lb. 6 oz.	12	6
23	Small wine decanter	2 lb. 11 oz.	8	5
24	Large storage jar	5 lb.	12	5
25	Medium storage jar	3 lb. 6 oz.	10	4
26	Cylinder 1	3 lb 4 oz.	7.0	5.0
27	Cylinder 2	5 lb 8 oz.	9.0	6.0

* "Finished Item" assumes Clay total shrinkage is 11-14%. 1/2 in drying and the other 1/2 in firing (cone 6)

** Height and width are to be measured on the freshly thrown pot.