

Mixing Two Part Epoxy Systems By Weight Using the Balance Scale

Date _____ Job No. _____ System Used _____ Ratio _____ (See Container)

1	Zero Cup On Scale – Put cup on scale and move weight until scale balances. This is your cup weight. Write down on Line 1.	Line 1	Cup Weight
2	Add Resin – Add the desired amount of resin into the cup and then write down the total weight that your scale now shows. Write down on Line 2.	Line 2	Total Weight of Resin and Cup
3	Subtract Cup Weight – Now subtract the weight of the cup from line 2 above and enter that amount here. (Line 2 – Line 1)	Line 3	Weight of Resin Without Cup
4	Figure Hardener Weight – Divide line 3 by the Ratio amount. Write the total here. (Line 3 ÷ (Ratio))	Line 4	Hardener Weight Needed
5	Add Back Cup Weight – Add back the amount of the cup. Enter that amount here. (Line 4 + Line 1)	Line 5	
6	Add Back Resin Weight – Add back the weight of the resin. Enter the total of that calculation here. (Line 5 + Line 3)	Line 6	
7	Set Scale, Add Hardener – Set scale to the amount on Line 6 and pour hardener into the cup until the scale balances (reaches zero).	Line 7	
8	Mix Thoroughly – Stir the mixture very thoroughly while scraping the sides of the cup to get all of the mixture together.		

Mixing Two Part Epoxy Systems By Weight Using the Spring Scale

Date _____ Job No. _____ System Used _____ Ratio _____ (See Container)

1	Zero Cup On Scale – Put cup on scale and adjust the scale until it reads zero.	Line 1	
2	Add Resin – Add the desired amount of resin into the cup and then write down the total weight that your scale now shows.	Line 2	Resin Weight
3	Figure Hardener Weight – Divide line 2 by the Ratio amount. Write the total here. (Line 2 ÷ (Ratio))	Line 3	Hardener Weight
4	Figure Total Weight – Add the resin weight and the hardener weight together to find what the total will be. Enter that amount here. (Line 2 + Line 3)	Line 4	Total Weight
5	Add Hardener – Once you know the total weight (Line 4), pour hardener into the cup until you reach that weight. Pour slowly and carefully. Review the previous steps, if necessary, to make sure you are doing this properly. (Pour until scale shows Line 4)	Line 5	
6	Mix Thoroughly – Stir the mixture very thoroughly while scraping the sides of the cup to get all of the mixture together.	Line 5	