

ERMC / Acromix Bin and Cement Silo Capacity Guide

Bin capacities are measured to the rim of the bin set as if water level full. Additional storage is possible by 'heaping' material.

Bin Capacity -----	<u>cu.ft.</u>	<u>cu.yd.</u>
Dual 8' x 5' Total	216.2	8.01
8' x 7' Each	161.46	5.98
8' x 8' Each	195.5	7.24
8' x 9' Each	230.37	8.53
10' x 10' Each	277	10.26
12' x 12' Each	682.7	25.28
12' x 14' Each	730.6	27.06

Volume in Tons -----	<u>@95#</u>	<u>@100#</u>
Dual 8' x 5' Total	10-1/4	10-5/8
8' x 7' Each	7-2/3	8
8' x 8' Each	9-1/4	9-3/4
8' x 9' Each	11	11-1/2
10' x 10' Each	13-1/8	13-3/4
12' x 12' Each	32-1/2	34-1/8
12' x 14' Each	34-3/4	36-1/2

Capacity of 3' Extension -----	<u>cu.ft.</u>	<u>cu.yd.</u>	<u>@100#</u>
Dual 8' x 5' Total	216	8.0	10-3/4T
8' x 7' Each	151.2	5.6	7-1/2T
8' x 8' Each	172.8	6.4	8-1/2T
8' x 9' Each	194.4	7.2	9-3/4T
10' x 10' Each	270.0	10.0	13-1/2T
12' x 12' Each	388.8	14.4	19-1/2T
12' x 14' Each	504	18.7	25-1/8T

Volume in Pounds & Tons for Silos -----

@4 cu.ft. / barrel & 96# / cu.ft.

	<u>cu.ft.</u>	<u>pounds</u>	<u>tons</u>
180 BBL	720	69,120	34-1/2
260 BBL	1040	99,840	50
360 BBL	1440	138,240	69-1/8

Cement

- **1 Bag = 94 Lbs; 1 Bag of Fluffed (Aerated, Bulk) Cement = 75 LBS.**
- 94 Lbs. = 1 Cubic Foot of Cement
- 4 Bags = 1 BBL of Cement
- 1 BBL. of Cement = 376 Lbs.
- 1 BBL of Cement = .188 Tons
- **1 BBL of Fluffed (Aerated, Bulk) Cement = .150 Tons**