C CONTAINERS REQUIRED FOR APARTMENT DEVELOPMENTS

In order to calculate the number of containers that will be provided for an apartment development, follow the steps below:

1) N = the number of apartments being built
2) Calculate the volume of each part of the waste stream that will be generated by this development (V)
3) Calculate the number of 1100 litre Eurobins (EB) or 240 litre wheeled bins (WB) required
4) Repeat these steps until you have the number of bins required for each part of the waste stream.

Waste type	% of total waste	N (no. apart-ments)	(V) Volume waste generated	(EB) 1100L Eurobins required	(WB) 240L Wheeled Bins required
Refuse	65%	5	V = N x 150 x 0.65 = 487.5	EB = V ÷ 1100	
				Where N < 11 calculate no. WB required	WB = V ÷ 240 = 3
Paper	20%	5	V = N x 150 x 0.20 = 150	EB = V ÷ 1100	
				Where N < 37 calculate no. WB required	WB = V ÷ 240 = 1
Glass	10%	5	V = N x 150 x 0.10 = 75	EB = V ÷ 1100	
				Where N < 73 calculate no. WB required	WB = V ÷ 240 = 1
Cans	5%	5	V = N x 150 x 0.05 = 37.5	EB = V ÷ 1100	
				Where N < 146 calculate no. WB required	WB = V ÷ 240 = 1
Total	**100%**				