Adding Attic Insulation

Sample Coverage Chart for Blown-In Cellulose							
R-Value @ 75° Mean Temp.	Minimum Thickness (inches)		Maximum Net Coverage (No adjustment for framing)			Gross Coverage (based on 2" x 6" framing on 16" centers)	
To obtain a thermal resistance of:	Installed insulation shouldn't be less than:	Thickness after settling	Max. Sq. Ft. per Bag	Min. Bags per 1,000 Sq. Ft.	Min. Weight per Sq. Ft. (lbs)	Max. Sq. Ft. per Bag	Min. Bags per 1,000 Sq. Ft.
R-40	12.0	10.8	17.2	58.1	1.351	18.1	55.4
R-38	11.4	10.3	18.1	55.2	1.284	19.1	52.4
R-32	9.6	8.6	21.5	46.5	1.081	22.9	43.7
R-30	9.0	8.1	22.9	43.6	1.014	24.5	40.8
R-25	7.5	6.8	27.5	36.3	0.845	39.8	33.6
R-24	7.2	6.5	28.7	34.9	0.811	31.2	32.1
R-22	6.6	5.9	31.3	32.0	0.743	34.3	29.2
R-19	5.7	5.1	36.2	27.6	0.642	40.0	25.0

Allow 15% for waste allowance to cover over filling (Certification written testing may not consider this).

An attic measures 32 x 48. There is no insulation in the attic. The ceiling joists are 2x6 on 16" centers. How many bags of insulation should be called for to bring the attic up to an R-38?

Bags: _____ (1536 ÷ 19.1 x 1.15 = **92.48 – 93 bags**)

The same attic has an existing R-19 of insulation. How many bags of insulation should be called for to bring the attic to an R-38?

Bags: _____ (1536 ÷ 36.2 x 1.15 = **48.79 – 49 bags**)