

HOW TO CALCULATE GLASS WEIGHTS

For glass thickness in mm

Glass Thickness (mm)	Unit Weight (kg/sq. ft.)
6	1.39
8	1.86
10	2.32
12	2.79
15	3.48
19	4.41

For glass thickness in inches

Glass Thickness (in)	Unit Weight (kg/sq. ft.)
1/4	1.36
5/16	1.81
3/8	2.27
1/2	2.90
5/8	3.67
3/4	4.45

$$\text{Glass Weight (kg)} = W \text{ (ft)} \times H \text{ (ft)} \times \text{Unit Weight (kg/sq. ft.)}$$



EXAMPLE

For a glass panel of 32 in W x 70 in H with 10mm thickness:

[1 ft. = 12 in]

W = 32 in = 2.67 ft. (36 ÷ 12 = 2.67)

H = 70 in = 5.83 ft. (70 ÷ 12 = 5.83)

From above table, Unit Weight for 10mm glass is 2.32 kg/sq. ft.

To complete the calculation, apply the above values to the formula:

Glass Weight (kg) = W (ft) x H (ft) x Unit Weight (kg/sq. ft.)

= 2.67 x 5.83 x 2.32

= 36.11 kg