

Approximate Weight of Architectural Flat Glass

Design professionals, wall system manufacturers, and construction managers often need the weight of materials for engineering and construction site considerations. The table below provides approximate weights of architectural flat glass by thickness designations as published by North American manufacturers:

Architectural Flat Glass - Published Approximate Weight	
Glass Thickness Designation Inches (mm)	Approximate lb/ft ² (kg/m ²)
3/32 (2.5)	1.2 (5.7)
1/8 (3.0)	1.6 (7.6)
5/32 (4.0)	2.0 (9.9)
3/16 (5.0)	2.4 (11.9)
1/4 (6.0)	3.0 (14.6)
5/16 (8.0)	4.0 (19.5)
3/8 (10.0)	5.0 (24.4)
1/2 (12.0)	6.4 (31.2)
5/8 (16.0)	8.1 (39.5)
3/4 (19.0)	9.8 (47.8)

Approximate weights do not apply to patterned glass or products incorporating multiple lites of glass fabricated into an assembled product. Additional glass thicknesses are available. Consult individual manufacturers for detailed product availability. ASTM International¹ C1036 - *Standard Specification for Flat Glass* addresses quality requirements. If the exact thickness is known, the exact weight may be calculated using a glass density of 158 lb/ft³ (2531 kg/m³).

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