

GYPSUM PANEL PRODUCTS TYPES, USES, SIZES, AND STANDARDS (GA-223-04)

PRODUCT	DEFINED USE	ASTM STANDARD ^{††}	INSTALLATION	TYPE ^{†††}
1. Gypsum Wallboard	Interior Walls & Ceilings	C 1396, C 36	GA-216	1, 2, 3
2. Gypsum Ceiling Board	Interior Ceilings	C 1396, C 1395	GA-216	1, 2, 3
3. Fiber Reinforced Gypsum Panels	Interior & Exterior Walls & Ceilings, & Tile Base	C 1278	†	1, 2
4. Gypsum Sheathing	Exterior Walls, Roof Systems	C 1396, C 79	GA-253	1, 2
5. Glass Mat Gypsum Substrate for Use as Sheathing	Exterior Walls & Ceilings	C 1177	†	1, 2
6. Gypsum Soffit Board	Exterior Soffits & Ceilings	C 1396, C 931	GA-216	1, 2
7. Water-Resistant Gypsum Backing Board	Tile Base	C 1396, C 630	GA-216	1, 2
8. Glass Mat Water-Resistant Gypsum Backing Board	Tile Base	C 1178	†	1, 2
9. Gypsum Backing Board	Base for Multi-Ply Systems	C 1396, C 442	GA-216	1, 2, 3
10. Gypsum Lath	Base for Gypsum Plaster (C 28)	C 1396, C 37	ASTM C 841	1, 2, 3
11. Gypsum Plaster Base	Base for Veneer Plaster (C 587)	C 1396, C 588	ASTM C 844	1, 2, 3
12. Gypsum Shaft Liner Board	Shaft, Stairway, Duct Enclosures, Area Separation Walls, Base for Solid or Semi-Solid Partitions	C 1396, C 442	GA-216, †	1, 2
13. Predecorated Gypsum Board	Accent Walls, Office & Movable Partitions	C 1396, C 960	GA-224	1, 2, 3
14. Gypsum Board for Manufactured Housing	Manufactured Housing Walls & Ceilings	C 1396, C 36, & C 960	GA-216	1, 2, 3

† See Manufacturer's specifications and recommendations.

†† ASTM C 1396 is the preferred reference; C 36, C 37, C 79, C 442, C 588, C 630, C 931, C 960, & C 1395 are being phased out.

††† Types: 1 = Regular
2 = Type X
3 = Foil Backed

CANADIAN STANDARDS ASSOCIATION (CSA) STANDARD

Products 1, 4, 6, 7, 9-12, 14, and 15 comply with CAN/CSA-A82.27-M

THICKNESS	TYPICAL USES
1/4" (6.4 mm)	remodeling, double layer walls, curved surfaces, sound attenuation systems
5/16" (7.9 mm)	manufactured housing walls and ceilings
3/8" (9.5 mm)	remodeling, base for rigid panels, double layer walls/ceilings, curved surfaces
1/2" (12.7 mm) & 5/8" (15.9 mm)	any interior and some protected exterior uses
3/4" (19.0 mm) 1" (25.4 mm)	interior walls; shaft walls, area separation walls, party walls, fire walls, stairways, duct enclosures

WIDTH, in. (mm)		24 (610)	24 (610)	24 (610)	24 (610)	48 (1220)	48 (1220)	48 (1220)	48 (1220)	48 (1220)	48 (1220)	54 (1370)
LENGTH, ft (mm)		8 (2440)	9 (2745)	10 (3050)	12 (3660)	8 (2440)	9 (2745)	10 (3050)	12 (3660)	14 (4270)	16 (4880)	12 (3660)
THICKNESS²	1/4" (6.4 mm)					•	•	•				
	5/16" (7.9 mm)					•	•	•	•			
	3/8" (9.5 mm)					•	•	•				
	1/2" (12.7 mm)					•	•	•	•	•	•	•
	5/8" (15.9 mm)					•	•	•	•	•	•	•
	3/4" (19.0 mm)	•	•	•	•	•	•	•	•			
	1" (25.4 mm)	•	•	•	•							

- 1 Not all types of gypsum panel products are available in all lengths, widths, and thicknesses.
- 2 Metric (SI) thicknesses are the industry accepted metric designations for gypsum panel product thicknesses. Contact the manufacturer for the availability of gypsum panel products in hard metric (SI) widths and lengths.

NOTE: For fire and sound rated systems, see GA-600, *Fire Resistance Design Manual*.

MEMBER COMPANY LIST 2004	
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