

GA-223-2017

GYPSUM PANEL PRODUCTS TYPES, USES, SIZES, AND STANDARDS

PRODUCT	DEFINED USE	ASTM STANDARD	INSTALLATION
1. Gypsum Wallboard	Interior Walls & Ceilings	C1396	GA-216
2. Gypsum Ceiling Board	Interior Ceilings	C1396	GA-216
3. Fiber Reinforced Gypsum Panels	Interior & Exterior Walls & Ceilings, & Tile Base	C1278	†
4. Gypsum Sheathing	Exterior Walls, Roof Systems	C1396	GA-253
5. Glass Mat Gypsum Substrate for Use as Sheathing	Exterior Walls & Ceilings	C1177	ASTM C1280, †
6. Gypsum Soffit Board	Exterior Soffits & Ceilings	C1396	GA-216
7. Water-Resistant Gypsum Backing Board	Tile Base	C1396	GA-216
8. Glass Mat Water-Resistant Gypsum Backing Board	Tile Base	C1178	†
9. Gypsum Backing Board	Base for Multi-Ply Systems	C1396	GA-216
10. Gypsum Lath	Base for Gypsum Plaster (C28)	C1396	ASTM C841
11. Gypsum Plaster Base	Base for Veneer Plaster (C587)	C1396	ASTM C844
12. Gypsum Shaftliner Board	Shaft, Stairway, Duct Enclosures, Area Separation Firewalls, Base for Solid or Semi-Solid Partitions	C1396	GA-216, †
13. Predecorated Gypsum Board	Accent Walls, Office & Movable Partitions	C1396	N/A
14. Gypsum Board for Manufactured Housing	Manufactured Housing Walls & Ceilings	C1396	GA-216
15. Gypsum Board – Factory Laminated	Interior Noise-Reducing Board	C1766	†
16. Abuse-Resistant Gypsum Board	Interior Board For Abuse Resistance	C1396, C1629	GA-216, †
17. Impact-Resistant Gypsum Board	Interior Board For Impact Resistance	C1396, C1629	GA-216, †
18. Glass Mat Interior Gypsum Panel	Interior Walls and Ceilings	C1658	GA-216, †
19. Glass Mat Water-Resistant Gypsum Panel	Interior Walls and Ceilings	C1658	GA-216, †
20. Glass Mat Shaftliner Gypsum Panel	Shaft, Stairway, Duct Enclosures, Area Separation Firewalls, Base for Solid or Semi-Solid Partitions	C1658	GA-216, †
21. Glass Mat Abuse-Resistant Gypsum Panel	Interior Board for Abuse Resistance	C1658, C1629	GA-216, †
22. Glass Mat Impact-Resistant Gypsum Panel	Interior Board for Impact Resistance	C1658, C1629	GA-216, †

† See Manufacturer's specifications and recommendations.

CANADIAN STANDARDS ASSOCIATION (CSA) STANDARD

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

GYPSUM PANEL PRODUCTS TYPES, USES, SIZES, AND STANDARDS

THICKNESS ¹	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 firewalls, party walls, fire walls, stairways, duct enclosures

WIDTH, in. (mm) ¹		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) ¹		8 (2440)	9 (2745)	10 (3050)	12 (3660)	8 (2440)	9 (2745)	10 (3050)	12 (3660)	14 (4270)	16 (4880)	12 (3660)
THICKNESS ²	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 & Sound Control Design Manual*.

GYPSUM ASSOCIATION MEMBER COMPANY LIST 2017

AMERICAN GYPSUM COMPANY LLC
CERTAINTEED GYPSUM CANADA, INC.
CERTAINTEED GYPSUM, INC.
CGC INC.

CONTINENTAL BUILDING PRODUCTS OPERATING COMPANY, LLC
GEORGIA-PACIFIC GYPSUM LLC
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