



### What Will The Inspector Be Looking For?

The inspector will look at several things during the inspection, including:

- All edges and ends of the drywall occur on the framing members.
- All edges and ends are in moderate contact.
- The size and spacing of all fasteners must comply with current codes. See table on page 3 and Figure 1 on page 4.
- The type of drywall used must be correct for the situation, such as water-resistant drywall in “wet” areas like showers.
- When installing water-resistant drywall, you cannot apply it over a vapor barrier.
- Water-resistant drywall cannot be used on ceilings, unless the ceiling framing is spaced no greater than 12” on center.

### Drywall Safety and Installation Tips

- Drywall is heavy and awkward to lift and maneuver. Make sure you have help, in the way of people or equipment, sufficient for the job.
- Wear a mask and goggles when sanding. Drywall dust is very irritating to the eyes and the lungs.
- Cutting drywall requires sharp instruments. Be careful and keep track of knives and saws.
- Plan the job properly, keep seams to a minimum.
- Remember that drywall compound and spackle shrink. You will need more than one coat.
- Apply compound in thin coats, using increasingly wide drywall tools to conceal the seams.
- Finish by sanding lightly. Be careful not to damage the paper surface of the drywall when sanding.
- If you are not confident that you can do the job correctly, hire a licensed contractor to do it for you. It is cheaper in the long run to do the job correctly the first time.



## Single-Ply Gypsum Wallboard Applied Parallel or Perpendicular to Framing Members

Thickness of Gypsum Wallboard (inches) x 25.4 for mm	Plane of Framing Surface	Maximum Spacing of Framing Member (Center to Center)	Long Dimension of Gypsum Wallboard Sheets in Relation to Direction of Framing Members		Maximum Spacing of Fasteners <sup>1</sup> (Center to Center)		Nails <sup>2</sup> -to Wood
			Parallel	Perpendicular	Nails <sup>3</sup>	Screws <sup>4</sup>	
1/2	Horizontal (Ceiling)	16	P	P	7"	12"	No. 13 gage, 1 3/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular ringed; 5d, cooler (0.086" diameter, 1 5/8" long, 15/64" head) or wallboard (0.086" diameter, 1 5/8" long, 9/32" head) nail.
		24	NP	P			
	Vertical (Wall)	16	P	P	8"	16"	
		24	P	P		12"	
5/8	Horizontal (Ceiling)	16	P	P	7"	12"	No. 13 gage, 1 5/8" long, 19/64" head; 0.098" diameter, 1 1/4" long, annular ringed; 6d, cooler (0.092" diameter, 1 7/8" long, 1/4" head) or wallboard (0.0915" diameter, 1 7/8" long, 19/64" head) nail.
		24	NP	P			
	Vertical (Wall)	16	P	P	8"	16"	
		24	P	P		12"	

## Nail or Screw Fastenings With Adhesives (Maximum Center to Center in Inches)

(Column Headings as Above)					End	Edges	Field	Nails-to Wood
1/2 or	Horizontal (Ceiling)	16	P	P	16	16	24	As required for 1/2" and 5/8" gypsum wallboard, see above.
		24	NP	P	16	24	24	
5/8	Vertical (Wall)	24	P	P	16	24	NR	

### NOTES:

<sup>1</sup> A combination of fasteners consisting of nails along the perimeter and screws in the field of the gypsum board may be used with the spacing of the fasteners shown in the table.

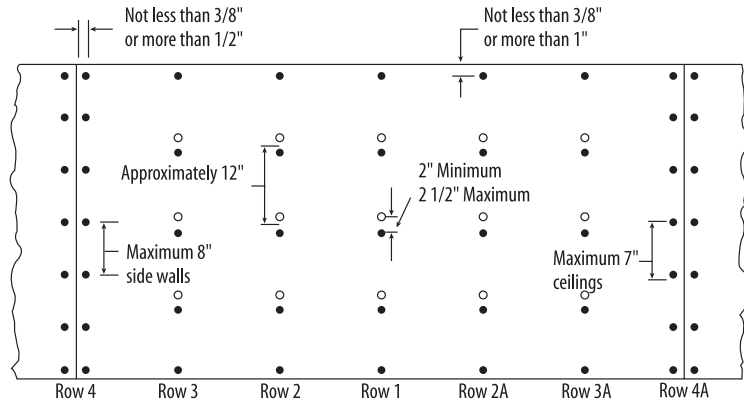
<sup>2</sup> Where the metal framing has a clinching design formed to receive the nails by two edges of metal, the nails shall not be less than 5/8" longer than the wallboard thickness, and shall have ringed shanks. Where the metal framing has a nailing groove formed to receive the nails, the nails shall have barbed shanks or be 5d, No. 13 1/2 gage, 1 5/8" long, 15/64" head for 1/2" gypsum wallboard; 6d, No. 13 gage, 1 7/8" long, 15/64" head for 5/8" gypsum wallboard.

<sup>3</sup> Two nails spaced 2" to 2 1/2" apart may be used where the pairs are spaced 12" on center except around the perimeter of the sheets.

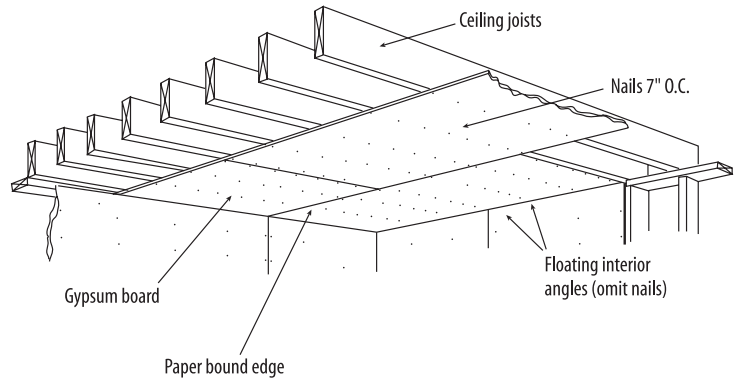
<sup>4</sup> Screws shall be long enough to penetrate into wood framing not less than 5/8" and through metal framing not less than 1/4".



**Figure 1**  
Size and Spacing  
of Fasteners



**Figure 2**  
Perpendicular  
Ceiling  
Application



**Figure 3**  
Parallel Ceiling  
Application

