

# Contractor's Pricing Guide

## Assignment 6

### Walls and Ceilings

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Drywall is the material used to finish the interior walls and ceilings of a house. It is made of gypsum sandwiched between two layers of paper. Gypsum by itself is crumbly and would fall apart, so the paper holds it all together. The easiest way to cut drywall or gypsum board is to cut the paper on one side and snap it. You don't have to cut all the way through! A unique property of gypsum is that it is fire resistant. As it burns, it releases moisture, increasing its fire resistance. A "fire wall" is made up of one or more layers of gypsum board.

When drywall is installed, it is "taped". A coat of "mud" is applied to the seams and a piece of wide paper tape is embedded in the mud and more mud is smoothed over the top. This is used to cover the seams between panels. Taping is also required for fireproofing.

My dad always told me to hire people to do drywall. If you look at the difference between the cost of material and the cost of labor, you can see quite a difference between drywall work and carpentry!

Use the excerpt from the Means Guide below to answer these questions. [Watch this video for a walk-through.](#)

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1. What unit is used to measure drywall jobs?
  - a.
2. How many walls does a normal room have? (Silly question, but I'm setting you up for the estimation work.)
  - a.
3. How many ceilings does a normal room have? (Same thing...)
  - a.
4. If a room is 10 feet by 12 feet, how many square feet is the floor?
  - a.
5. How many square feet is the ceiling? (Assuming the walls are level!)
  - a.
6. If the room is 8 feet tall, what are the dimensions of the long wall?
  - a.
7. What are the dimensions of the small wall?
  - a.
8. What is the area of the large wall?
  - a.
9. What is the area of the small wall?
  - a.
10. What is the total area of the room to be covered in gypsum board? (Remember questions 2 and 3!)
  - a.
11. How much would it cost to apply ½" drywall to this room, not including cleaning and painting?
  - a.
12. How much would it cost, including cleaning and painting?
  - a.
13. How many layers are required for a 2 hour firewall?
  - a.
14. What thickness of gypsum panel is required for a 2 hour firewall?
  - a.

15. What rating must fire rated drywall have? (Type - ??)

a.

# Walls / Ceilings

Gypsum Wallboard		Unit	Material	Labor	Equip.	Total	Specification
<b>1/2"</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 1/2" drywall including joint tape, premixed compound and screws.
	Install	S.F.	.29	1.37		1.66	
	Demolish and Install	S.F.	.29	1.73		2.02	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>1/2" Water Resistant</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 1/2" WR drywall including joint tape, premixed compound and screws.
	Install	S.F.	.35	1.37		1.72	
	Demolish and Install	S.F.	.35	1.73		2.08	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>1/2" Fire-rated</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 1/2" FR drywall including screws. Taping and finishing not included.
	Install	S.F.	.33	1.37		1.70	
	Demolish and Install	S.F.	.33	1.73		2.06	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>5/8"</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 5/8" drywall including joint tape, premixed compound and screws.
	Install	S.F.	.35	1.32		1.67	
	Demolish and Install	S.F.	.35	1.68		2.03	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>5/8" Fire-rated</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 5/8" FR drywall, including joint taping, premixed compound and screws.
	Install	S.F.	.36	1.55		1.91	
	Demolish and Install	S.F.	.36	1.91		2.27	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>2-hour fire-rated</b>							
	Demolish	S.F.		.91		.91	Cost includes material and labor to install 2 layers of 5/8" type X drywall including joint taping, premixed compound and screws.
	Install	S.F.	.78	3.08		3.86	
	Demolish and Install	S.F.	.78	3.99		4.77	
	Clean	S.F.		.30		.30	
	Paint	S.F.	.26	.33		.59	
	Minimum Charge	Job		221		221	
<b>Unfinished</b>							
<b>1/4"</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 1/4" drywall including screws. Taping and finishing not included.
	Install	S.F.	.29	.47		.76	
	Demolish and Install	S.F.	.29	.83		1.12	
	Clean	S.F.		.30		.30	
	Minimum Charge	Job		221		221	
<b>3/8"</b>							
	Demolish	S.F.		.36		.36	Cost includes material and labor to install 3/8" drywall including screws. Tape, finish or texture is not included.
	Install	S.F.	.28	.47		.75	
	Demolish and Install	S.F.	.28	.83		1.11	
	Clean	S.F.		.30		.30	
	Minimum Charge	Job		221		221	