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## Sheetrock calculator usg

Calculate the plasterboard or sheet metal panels, screws, articular compound and tape needed for your project by entering the size of your room. Optionally include the ceiling if you are also dry. The use of drywall calculator drywall, also known as sheet metal or wall, is used to cover the walls in modern construction. The plasterboard estimation calculator estimates the amount of sheet metal and the supplies needed for the wall project. Just enter the size of the room and the estimator finds the size of the walls, estimates the amount of drywall needed to cover such surfaces and estimates additional supplies, including screws, articular compound or mud and adhesive tape. For example, estimate the necessary sheet for a room 10' x 10' with ceilings 8'. The calculator is useful to get a rough estimate of prices when hiring a professional or to calculate the amount of materials to order if you are installing drywall yourself. The calculator estimates the material in sheets and includes screws and articular compound. Learn more about the cost of installing sheetrock. To get an estimate of the full cost of the project, including labor and installation, use this form to get quotes from contractors in your area. Get free project estimates Find qualified plasterboard professionals in your area How to estimate the drywall material needed to find the amount of drywall needed for your project, you need to get the footage of the walls and ceilings that need to be denoted. The square footage of the walls is the standing length by the standing width of each wall. Finding square feet is just like finding an area, multiplying the length by the width. In this case, to save some effort in calculating the size, you can also use a calculator. If the walls are complex and not rectangular, it may be easier to divide the walls into smaller sections and calculate each section individually, then add them together. For example, if you measure walls with once, it will be easier to determine separately the square section and the vault. If you have doors, windows, or other areas where drywall will not be installed, you can find the square footage of those areas and subtract from the total square footage figure. This will help your calculation to be a little more accurate and reduce excess materials and waste. After finding the necessary plasterboard size, simply divide by the size size of the sheet that will be used to find the number of sheets needed. For example, if the wall surface is 1000 square feet and 4' x 8' sheets are used, the required number of sheets is 1000/32 or 31.25. It is recommended to order 10% additional materials to take into account the and material waste. Estimation of the common compound and tape for plasterboard projects Estimating the amount of common compound and drywall tape needed begins with the search for the footage. Different joint compounds or mud products have different levels of coverage, so it is better to check you intend to use it to verify coverage. If you're using a light (unpremixed) articular compound, you'll probably need 0.053 pounds of mud per square foot of drywall. If you're using a quick-setting product, you'll probably need 0.073 pounds of mud per square foot. Drywall tape typically covers about 2-3 square feet of sheet metal per foot of adhesive tape. Long sheets require fewer seams and cost much less to finish, but they are harder to install Long sheets may not fit tight spaces or through stairs Long sheets are significantly heavier to lift and carry. A 4x8' 1/2 sheet of drywall weighs 54 pounds, while a 4x12' 1/2 sheet weighs 82 pounds. Do not forget to consider the transport and delivery requirements at the time of ordering the materials. Dry products are very heavy and you will make sure you have the appropriate tools to move large amounts of sheet metal. It is recommended to use a panel transport tool, which basically adds a set of handles to the right height to make it very easy to transport large sheet metal panels. Drywall most often reduces sound transfer and provides better insulation Plasterboard costs more often are thicker and can be harder to install Keep in mind that more complex shots, layouts or exclusions will require manual material estimation, any automated estimation will have a reduced level of accuracy as the complexity of framing or exclusions increases. Looks like you entered an employee email address, but this is the customer's access. Use the link below instead. Drywall, also known as sheet metal, is an essential component of the building of most houses. Separating you and those ugly frames or insulation behind, drywall is an expensive material that is easy to work with. Of course, determining the amount of drywall you need is the first step. Enter our drywall calculator. To use the sheet metal calculator above, all you need is a tape meter. Our custom drywall estimator will take care of the rest. You know right away that our calculator only measures one room. If you need to determine how much drywall you need for your 2,000-square-foot home, you'll need to measure room by room. First, measure the perimeter of the room. This is the distance around the room, standing. Measure the width of each wall and then add all the totals. Insert the perimeter of your room into the calculation of the sheet metal rock above. Then, measure the height of the walls or the distance from the wall to the floor, standing. If you have a sloping ceiling, use the maximum height in the room. the value in the calculator. After that, and you may need a staircase for this, it is the ceiling area. To measure the area of a square or rectangular room, multiple of the width is required based on length. Most of the time, you can simply measure the floor and apply those numbers as ceiling specifications. Enter this number in the drywall calculator. If the ceiling is not a square or rectangle, but a triangle, the area is the base multiplied by the height, then divided by two. Now, we have incorporate areas of the room where drywall is not required. Usually, this involves doors and windows. First, enter how many ports. So, if there are windows, enter the total. To make sure you get the most accurate estimate of the drywall sheet, measure the height and width of the windows and enter the calculator. Finally, select from the four most common sizes of the drywall sheet and press calculate. Voila! The drywall estimator should tell you exactly how many sheets of drywall you need for your next project. If you need assistance along the way, ImproveNet can help you find reliable drywall contractors near you. Tips for drywall estimator Most rooms are squares or standard rectangles. In that case, use the previous steps to determine the amount of drywall needed. On the other hand, if you have an irregularly shaped room, sloping walls or want to estimate how much sheet you need without our calculator, check out our plasterboard calculation tips below: If your room is not a square or rectangle, divide it into smaller sections. Measure walls and ceilings in each section and then add up. The sloping walls all together form a triangular area. Therefore, you can calculate triangular space using the area equation: length of the wall at the base of the triangle multiplied by its height and divided by 2. See the image above for more details. If measuring by hand, always add at least 10% to the required drywall sheets. There will be waste. If measuring by hand, you need to know the size of the desired sheet. Once done, determine the size of a sheet. For example, if you use sheets 4' x 10', the total size of a sheet is 40sf. Once you have determined the surface area of the entire room or the amount of drywall needed, divide that number by 40. This is the number of sheets of drywall required. Despite the plasterboard size listed above, the lengths of the drywall sheet can reach 16'. The most common size of drywall is 4' x 8'. Anything bigger is very difficult to carry and install on your own. What is Sheetrock (Drywall)? By now, you should know exactly what drywall is, but for those who only get into sheetrock DIY, it helps to know your materials. Drywall is used for interior walls and ceilings. Unlike plaster, the other dominant material for walls and ceilings, the installation of drywall is rapid. For plaster, you have to wait for it to dry, thus increasing installation time. Despite faster installation, sheet metal rock can suffer water damage and corrosion. As such, after a flood or any damage to the wall, the of houses have to replace their existing drywall. In addition, since it is not resistant to fustus, standard drywall is not often used in bathrooms or kitchens. Drywall cost calculator After you determine the amount of drywall needed for your next home remodeling project, the next question often revolves around the price. While the sheet itself will cost most of the costs of installing drywall, you will need other tools and materials to ensure DIY project. Of course, you should also take into account these costs: how much does a sheet of drywall cost? Drywall Sheet 4' x 8': \$6 per sheet 4' x 12' Drywall Sheet: \$10 per sheet 4' x 14' Drywall Sheet: \$13 per sheet 4' x 16' Drywall Sheet: \$15 per sheet How much do other drywall materials cost? Drywall screws: These special screws are usually sold by sterling, which represents about 500 sf of drywall. Dry screws cost \$6 per pound. Tape: An adhesive tape is needed to cover the joints between the drywall sheets. Luckily, the tape is cheap and costs about \$4.50 for a 150-foot roll. Articular compound: a flat surface to paint is required. The articular compound is used to smooth any imperfections from drywall tape, fasteners and joints. It costs an average of \$15 for a 5-gallon container of premixed compound. Most plasterboard contractors calculate the amount of articular compound they need by taking the size of the room and dividing it by 7.25. Overall, if DIY, most homeowners spend between \$0.30 and \$0.35 per square foot on drywall and other materials. Plasterboard size and thicknesses We have already touched the size of drywall, but before buying any sheet metal, you should understand all your options. Plasterboard size As you can see in our drywall calculator above, most sheets have a width of 4'. Most of the time, you will not see a different width. However, if you ask the house improvement store, they should have sheets of sheet metal that are 2', or they can order a special drywall wider than 4'. The most common size of drywall is 4' x 8'. Therefore, the most common length is 8'. Eight feet are short enough to be managed by most homeowners, but long enough to ensure you don't take weeks to install new drywall. However, for longer walls or higher ceilings, some homeowners get help and install sheets of 4' x 12' or 4' x 16' drywall. However, the plasterboard size ranges from: 2' x 2' 4' x 8' 4' x 12' 4' x 14' 4' x 16' Drywall thickness Over length and width, it is necessary to consider the depth of drywall sheets. Just like size, drywall sheets are available in some different thicknesses. The most common thickness of sheet metal rock is 1/2. They are easy to carry and if you pay a little extra, you can buy lighter drywall from 1/2 for a simpler installation. The other two drywall thicknesses are 1/4 and 5/8. Quarter-inch drywall is mainly used as a double surface, and the 5/8 drywall is mainly used on ceilings. Drywall it is often used if the house has undergone relaxation or if you are installing a coffered ceiling, tin ceiling tiles or any structured ceiling above the drywall. The types of drywall plasterboards are available in different types. First, there is the regular whiteboard, which has a thickness between 1/4 and 3/4. Fire-resistant drywall, also known as Type X, has several layers and thicknesses, which increases the resistance of the walls to fire. Greenboard is another drywall. Expected, it has green paper that diverts water and is commonly used in bathrooms or areas that have a lot of moisture. Blueboard is named after it because of its blue card, which resists both water and mold. Then there's the concrete board, the soundproofed, soundproofed, mold-resistant board and the environment, just to name a few of the many others available. Depending on the use of the room that you plan to drywall and your budget, you can choose the best drywall for your project. Discuss your plans with a specialist so you can purchase the most appropriate for your budget and usage. Do you do it yourself or hire a drywall contractor? Installing drywall is not a difficult project, but it is challenging. Unless you use all the sheets of 2' x 2' drywall (which we do not recommend as it will become expensive), lifting all these sheets of drywall, screwing them and installing a dry ceiling is no less of a task. However, unless you're building a new home, chances are you're replacing the drywall in a room or two. For smaller projects like this, some homeowners try and install drywall without a professional. Tips for installing drywall If you have decided to do DIY, you are in the right place. Below are the basic steps for installing drywall in a new house. For the entire step-by-step process, check out DIY tips on how to install drywall. Make sure you have all the tools and materials. Start with the ceiling. Mark the centerline anchor and lines along the frame. Cut or break the drywall sheet of the ceiling in length. Use an elevator or some friends to keep the ceiling drywall in place as you screw it. Install all the drywall of the ceiling, working around lights and fixtures. Install wall drywall, working around windows, doors and sockets. Find a drywall contractor The average sheet of drywall weighs more than 50 pounds. There is no shame in receiving help with the installation or project of replacing drywall. Luckily, ImproveNet makes it easy to find reputable drywall contractors in your city. Last updated: March 5, 2019 2019

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