



Calculating Materials:

With every trade comes the most important task of accurately calculating the amount of material required for each job. The general rule-of-thumb is one 45 KG or 55 LB bag of rubber will cover 40-50 square ft. at the average depth of $\frac{1}{4}$ inch. We have always calculated our measurements at the half way point of 45 square ft. per bag and have never been under the mark. You will have to consider the state of the base and the type of the base. If there are cracks and depressions that your client would like to fill you must consider extra material or the use of recycled rubber to act as your filler for cost. Rubber Surfacing should be sold as a “coating” however eliminating low areas and depressions is what makes this product stand out. It is important that you provide the right pricing when dealing with the complete leveling of a base. For black recycled rubber (SBR) you will generally be able to cover a 15 square ft. area at 2 inches thick per bag. With black fill, because it is cheap, it is always best to carry a couple of skids in stock for jobs that require fill, the reason for this is because you cannot accurately calculate for major fill.

NOTE: It is sometimes more cost-effective to use a little extra EPDM for minor fill as you will have to wait until the SBR fill is dry before you can lay the EPDM final coat.

NOTE: If you are covering interlocking brick you will need to calculate your coverage per bag at 40 sq ft. This is because of the beveled joints that will need to be filled.

When measuring an abstract shape it is best to break the area down into geometric shapes. We use squares, rectangles, and triangles. For pool decks you can use the existing expansion joints as points of reference. You must draw the area onto graph paper for accuracy, pointing out any area of interest that may require extra material, special grinding, or any other detail that you must take into consideration. You can mark out your area with tape or chalk to assist you in an accurate measurement.

Resin is calculated by the 5 gallon pail. One 5 gallon pail will be enough resin for X4 bags of rubber and the resin required for the primer/glue. It is always recommended that you keep extra material in-stock to avoid any delay as a result of miscalculation.

For vertical surfaces you will need a 5 gallon pail of Fumed Silica and an extra pail of resin to cover the vertical on an average 4-stair front porch. A 5 gallon pail of Fumed Silica will cover approximately 40 liner feet of average height vertical facing.

A 5 gallon pail of solvent will typically last two-weeks with one team depending on the amount of work that you are covering per week. It is always best to have your solvent (Di-Basic Ester) in stock at all times. In the event that you run short of solvent you can substitute the solvent with diesel fuel although it smells and is flammable so take caution.



A typical measuring wheel most commonly used to measure your surfaces.