



PAINT CALCULATION

Very often the price of paint is judged by its cost price. However, the actual cost incurred could be quite different for it is material used square meter that determines the real cost.

To arrive at the square meter cost. First of all, we must know the covering capacity per litre.

Factor to consider are:

Dry film thickness (DFT) required.

Solid contents by volume

So the equation for calculating theoretical covering capacity is

$$\frac{\text{Solids by volume} \times 10}{\text{DFT}} = \text{sqm} / \text{litre}.$$

Once we determine the coverage the next step is to get price meter square, for which we use the following equation.

$$\frac{\text{Cost / litre}}{\text{Theoretical covering capacity (sqm / L)}} = \text{price / sqm}.$$

Note:

For converting theoretical in practical coverage, the following should be considered for the approximate percentage – wise deduction used in our calculation depending upon method of application.

- | | |
|-----------|-------------|
| 1. Brush | - 10% - 15% |
| 2. Roller | - 20% - 30% |
| 3. Spray | - 25% - 40% |

The above data account the factors such as wastage, spillage, substrate roughness, painters skills etc.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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