

Coverage rate ready reckoner

The table below is designed to make things easier when working out the quantities needed for a contract. With any contract it is important that sufficient product is applied to ensure that the finishes behave in the manner which they are expected to, the appearance of the floor meets expectations and the floor performs to a good standard over the following years.

Each quantity includes an additional 0.5 Lt of product. This has been added to take in to account the material which should be retained in the roller when taken from the floor and the small amount which would be left in any containers, trays, etc. Primers are quoted at the required rate and finishes at the middle point of the coverage range; therefore 8 -10 m²/ Lt is calculated as 9 m²/Lt.

To illustrate the need to calculate the retained material in the volume required for a contract it is worthwhile considering a 50 m² floor. Some people will say that at 10 m²/Lt then 5 litres will be enough for a final coat – $50 \div 5 = 10 \text{ m}^2/\text{Lt}$. However, the roller must come off the floor containing product. So now with only 4.5 Lt of product available for the floor the calculation looks like this – $50 \div 4.5 = 11.1 \text{ m}^2/\text{Lt}$. So the product is covering 11 % more area than it supposed to at the highest coverage rate suggested.

Remember though, the figures are only a guide. You have to assess the site - Are there large gaps between the boards? Is the floor really dry and going to take up lots of primer? Did the sanding leave the floor rather coarse so it will use more primer or was a tight grain that was sanded fine so it will use less? All of these factors can affect the quantity of product used.

Floor area – m ²	Prime Intense / Prime Classic (8 m ² / Lt)	Bona White (12 m ² / Lt)	Traffic HD & HD AS/ Traffic / Mega (9 m ² / Lt)
20	3	2.2	2.7
30	4.25	3	3.8
40	5.5	3.8	5
50	6.75	4.7	6.1
60	8	5.5	7.2
70	9.25	6.3	8.3
80	10.5	7.2	9.4
90	11.75	8	10.5
100	13	8.5	11.6
Amount per extra:			
1 m ²	0.125	0.085	0.11
10 m ²	1.25	0.85	1.1

N.B. With all finishes the application tools can affect the coverage rate achieved. It is strongly recommended that the **Bona roller** is used when applying Bona finishes. If other rollers are used they should be of a synthetic material with a minimum 10 - 12 mm nap. Wash all rollers thoroughly before use to avoid shed fibres in the finish. If using bar applicators it is important to ensure that the handle of the applicator is held lightly, undue pressure is avoided and that the correct coverage is observed.

With all application methods it is recommended that regular calculations are made to check coverage rates. The amount of product used on a floor directly impacts upon the performance of the coating system. It may affect the drying process, the appearance of the floor and in the longer term the wear resistance.