

How much material will I need?

Ready Mixed Tile Adhesive (Paste)

1 x 16kg plastic bucket, when using a recommended 3mm notched trowel, should cover approximately 6m².

Powder Tile Adhesives (Cementitious)

1 x 20kg bag, when using a recommended 6mm notched trowel (3mm bed thickness), should cover approximately 4-5m².

Grouts (Cementitious)

Grout usage will also vary but to a far greater extent depending on the style and size of tiles used, as well as the final appearance required. A 3kg bag will cover approximately 10-12m² when using 150 x 150mm tile and 3mm joints. For a guide calculation for all other installations please use the formula below.



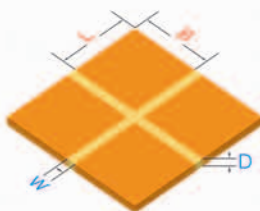
Coverage ratio:	Ultra Fine Joint Grout	1.2
	Ultra Wide Joint Grout	1.6
	Ultra Flex Joint Grout	1.6

Step by step guide:

1. Add together the length and breadth of the tile in mm.
 2. Multiply the result by the joint width multiplied by the joint depth in mm.
 3. Multiply this result by the coverage ratio.
 4. Divide the result by the length multiplied by the breadth of the tile in mm.
- The final result is the material requirement in kg/m².

$$\frac{(\text{Length} + \text{Breadth of tile}) \times (\text{Width} \times \text{Depth of Joint}) \times \text{Coverage Ratio}}{(\text{Length} \times \text{Breadth of Tile})} = \text{Kg/m}^2$$

Example:



Tile size – 150mm x 150mm
 Joint size – 6mm x 3mm
 Product – **Ultra Fine Joint Grout** coverage ratio – 1.2

$$\frac{(150 + 150) \times (3 \times 6) \times 1.2}{150 \times 150} = 0.288\text{kg}$$

If the area of tiling is 10m², then 10 x 0.288 = 2.88kg of Ultra Fine Joint Grout is required.

Note: The above coverage is provided as a guide only and reflects typical tiling applications; therefore it should not be used as an exact material requirement calculation. Note that actual coverage may vary depending on substrate, tile size (width, length and thickness), desired effect and size of joints. For further help and technical support please call the Ultra team on 01827 871871 or email enquiries@instarmac.co.uk