



Materials Needed



The quantity of the materials needed for the paving job depends upon the total area to be paved:

This can be determined from measurements taken off the plan or if the area to be paved has been pegged out on site. The area is simply calculated by measuring the width and length of the area to be paved.

length ____ (m) x **width** ____ (m) = ____ **area (m²)**
Once the square metres of pavers to be layed has been calculated the quantity of materials can be determined using the following rates.

Paving Units

Calculate the square metreage to be covered and add 5% to allow for cuts and wastage (only 2% should be required for wastage on jobs greater than 100 square meters).

Area to be paved ____ (m²) x 1.05 (allows for 5% wastage) = ____ **total m² of pavers required**

REMEMBER: Deduct the total m² of header course paved from the total m² of pavers required when ordering.

Roadbase Material

For every 100mm depth of roadbase material required to prepare the paved area allow 1 tonne of roadbase material for ever 6 square meters of area to be filled.

Area to be paved ____ (m²) x 0.167 (allows for 100mm thick roadbase) = ____ **tonne of roadbase required**

Bedding Sand

30mm of bedding sand (washed concrete sand) is required under all paving. 1 tonne will cover approximately 15 square meters.

Area to be paved ____ (m²) x 0.05 (allows for 30mm thick bedding sand) = ____ **tonne of bedding sand required**

Jointing Sand

Jointing sand is used to fill the gaps between the paving units once laid. A 40kg bag will cover approximately 15 square meters of paving depending upon the size of joint spaces.

Area to be paved ____ (m²) x 0.067 (allows for 3mm joint spaces) = **40kg bags of jointing sand required**

Concrete Edge Restraint

Paving not abutting another structure will require a concrete restraining strip, a quarter of a cubic meter of concrete will be required for approximately 50 lineal metres of edge restraint.

Length of edge restraint ____ (m) x 0.005 (allows for 100mm triangular edge restraint) = ____ **m³ of concrete required.**