

Planning sheet for my concrete project

Plan or Picture

what will my finished concrete look like?

Draw a plan

show the measurements

Do I need:

- expert advice or help?
- engineering plans?
- Council or Island permits?

How much concrete will I need?

How **long** is it? _____ metres (m)

How **wide** is it? _____ metres

Area is: Long x Wide = _____

or Area from a grid plan: = _____

How thick must it be? 75mm 100mm 120mm 150mm or _____

So.

The amount I need is: _____ x _____ x _____ = _____ Cubic metres
long x wide x thick

or _____ x _____ = _____
area from my grid x thick

Remember:

all your measurements must be in the same units: **metres (m)** or **millimetres (mm)**

What mix type of concrete do I need ?

bedding general purpose paving

So.

I need _____ cubic metres of _____ type concrete.

To make this amount of concrete, I will need:

_____ bags of cement

_____ sand

_____ rock/stone

_____ litres of water

How many hand or mixer mixings will this take?

(1 Cu mtr takes 30 hand or 20 mixer mixings) _____

Do I need reinforcing?

type _____

amount _____

What formwork will I need?

draw a plan of the formwork (boxing/ shuttering)

size and lengths of timber I need _____

How many people will I need?

What tools will I need?

Tick the tools you need

how many ?

Ready the site:

- spade _____
- pick _____
- tape measure _____
- level _____

Formwork

- hammer/nails _____
- timber/saw _____

Concrete

- shovel _____
- buckets _____
- wheel barrow _____
- concrete mixer _____
- mixing board _____
- rake _____
- straight timber board — screed _____
- floats — wood _____
- metal _____
- others ? _____

Safety

- boots _____
- gloves _____