

Concrete Bases and Groundworks

Detailed base dimensions for each specific size shed will be provided at time of order or upon request before hand.

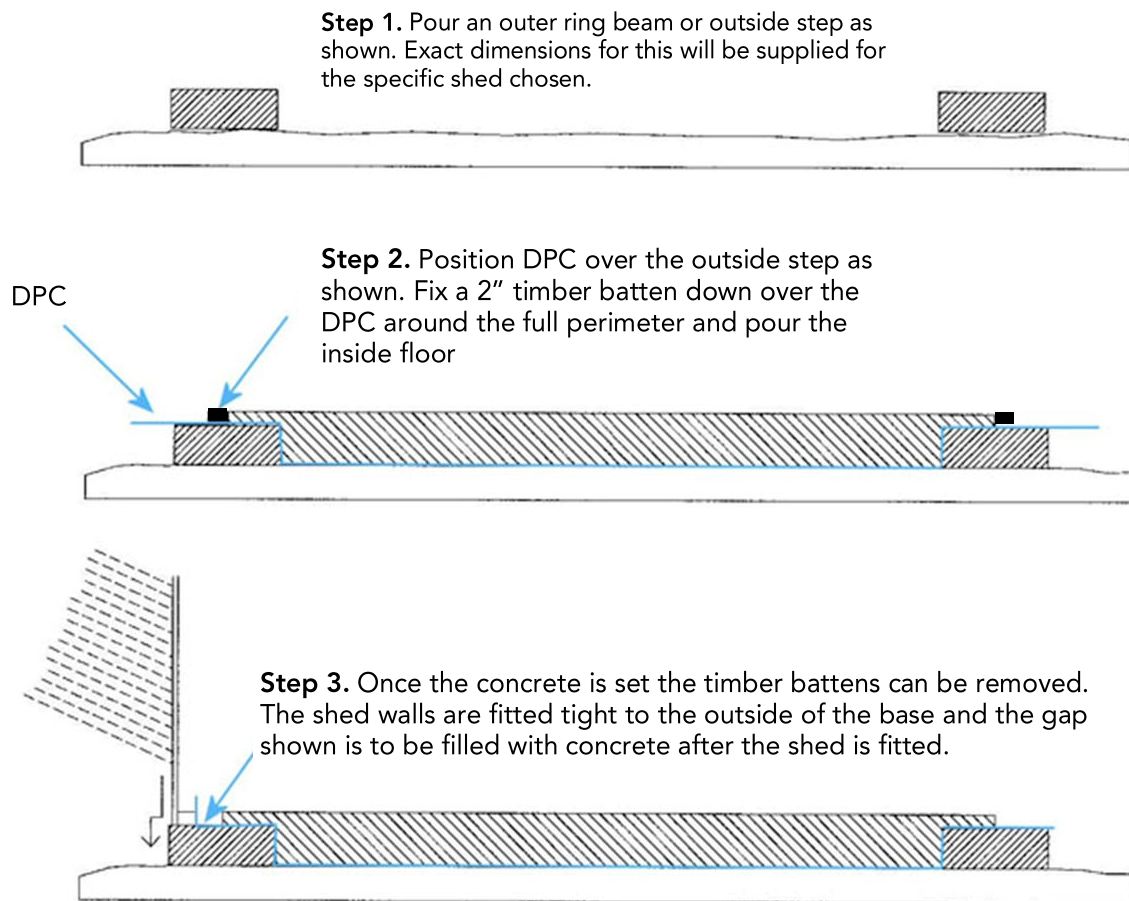
The base dimensions are essential for pouring the concrete to the correct size. Please do not carry out any concrete work prior to receiving these measurements.

For all concreting and base preparation we can recommend a number of contractors.
For quotations please contact our office on 053 94 30001

Durastore and Thermastore Concrete Bases

The sketch below is an example of the recommended rebated concrete base for all our Durastore and Thermastore Garden Sheds and Garages and shows the steps involved in preparing it. This base is poured in two different stages. The first step is to pour the outside step (this is where the shed will sit). Before the inside floor is poured a layer of DPC or plastic is positioned as shown above. When the shed is being fitted our fitters will roll the DPC back inside the shed. After the shed is completed the gap between the floor and the shed framework is then filled with concrete. Once the concrete infill has set any excess DPC is then trimmed off neatly.

With this system the finished inside floor of the shed will be approximately 50mm higher than the external base. The layer of DPC on the inside of the shed will ensure that any rainwater cannot enter the shed keeping it dry and sealed in wet and damp weather conditions.



Multistore Concrete Bases

For our Multistore garden sheds we also recommend a stepped concrete base similar to above. The base for the Multistore Garden Shed we recommend can be poured in one stage. This base is a simplified version of above and is a faster and far less labour intensive method. However the single pour system will only allow for DPC under the concrete base and it is not possible to completely guarantee against some dampness creeping through the infilled section on the inside of the shed. If you require your Multistore Garden Shed for something more than general garden or household storage we are happy to supply you with detailed drawings showing the two stage pour method.

Multiroom Concrete Bases

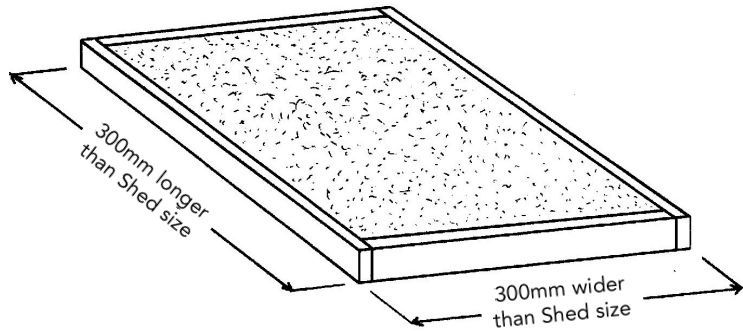
For our Multiroom Home offices and Garden Rooms we recommend a flat concrete base. Our garden rooms are internally supplied with an insulated floor on top of the concrete slab along with a substantial amount of insulation and timber within the building. The flat concrete base allows for our buildings to be flashed down over the outside of the concrete completely eliminating any possibility of dampness internally.

Multistore Timber Floor Base Guidance

Please Note

The base required for our Multistore timber floor option must be an area at least the same size of the Garden Shed that is completely level and where water can drain away freely. It is very important that when the shed is built that water is not pooling under and around the base of the shed. This will ultimately lead to the floor rotting out and possible corrosion of the shed framework and sheeting.

The sketches below show a number of different base options and explanations.

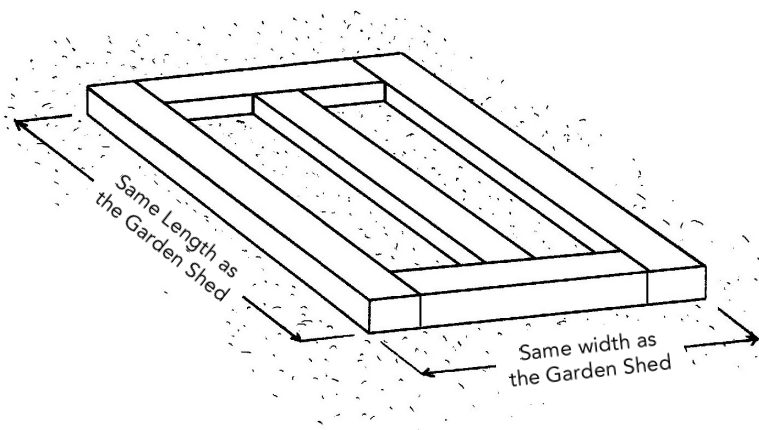


Option 1 - Hardcore / Stone / Chippings

A stone base will give the shed excellent support while also allowing water to drain away quickly and freely.

The most important thing with a stone base is to ensure that the stone is retained and will not wash away over time. This sketch shows a base constructed with an external frame with the stone positioned inside. This frame will usually be made from treated timber but concrete blocks can also be used.

On a lawn area which is level it is also possible dig out the grass sod or top soil and then fill the area back up level with stone. With any of these bases the amount of stone to use should be approximately 100mm deep and the area should be approximately 300mm wider and longer than the size of the Garden Shed



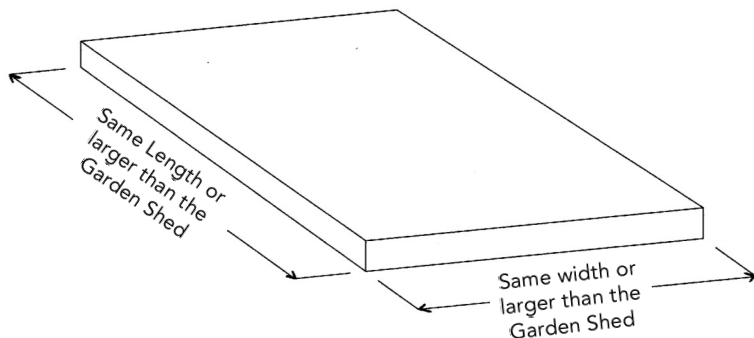
Option 2 - Paving Slabs / Sleepers / Concrete Blocks

The next option is to construct a base using paving slabs, concrete blocks or railway sleepers.

It is normally best to keep the outside dimensions of the base the same size as the shed dimensions.

We do not recommend using a number of concrete blocks randomly positioned underneath the shed as traditionally used for timber sheds. Timber will usually get a good grip on the blocks where the steel will be inclined to slide on a smaller number of blocks.

The base should cover either the full surface area under the shed or as shown in this sketch the full perimeter of the shed and one run through the centre. Either way will give the garden shed excellent support.



Option 3 - Concrete / Tarmac / Existing Paved Areas

The last option is to build the shed on a concrete base or on an existing concrete yard, tarmac drive or paved area.

If the base is being constructed the best option is to pour a flat slab the exact same size of the shed. This will ensure that very little or no water can accumulate at the base of the shed and eliminate pooling underneath the shed.

If the base is an existing concrete yard, tarmac drive or paved area you will need to be aware and ensure that wherever you decide to position the shed, it is always best that water will be able to drain away freely.

In a situation where water will be inclined to flow towards the shed the option of cutting the concrete and inserting a drain to divert the water away from the shed should be considered.

It is ultimately the responsibility of the customer to ensure that the appropriate and relevant site ground works and preparations are carried out correctly.

Should you have any queries please call us on 053 9430001 or email us at info@admansteelsheds.ie