

## Concrete Bases and Groundworks

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

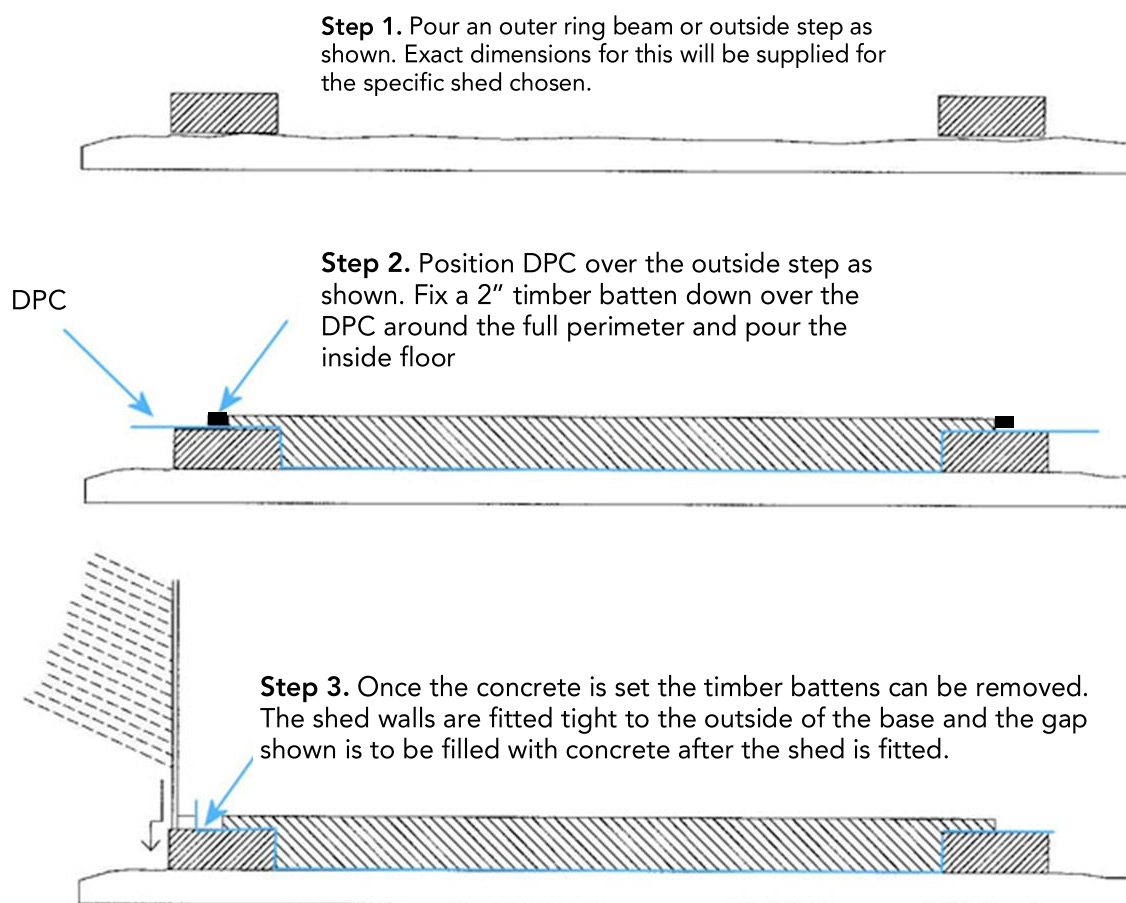
The base dimensions are essential for pouring the concrete to the correct size. Please do not carry out any concrete work prior to receiving these measurements.

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 recommend a flat concrete base. Our Garden Shed will be made the exact same size of the base and our external walls will fit down over the outside of the base ensuring no dampness or leaks. It is very important that the base is constructed to the exact measurements which will be provided at the time of order. If the base is too big, too small or not square the shed will not fit correctly. This base can be poured in one stage and does not require any concrete infill after the shed is fitted.

## 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

For the Timber Floor option the customer must provide a level site and the quantity of 2" thick paving slabs as specified for each size shed under the floor price list. A level site is defined as a site with no more than a 50mm fall for every 3m (2" fall for every 10ft).

For sites with a fall greater than 50mm for every 3m we recommend the customer pour a concrete base instead of the Timber Floor option or alternatively level the site as described below in option 2.

The sketches below show a number of different possibilities along with brief explanations.

### Option 1 - Paving Slabs on a level site

When dealing with a level site, this is usually the most convenient method of supporting the shed base while ensuring the shed is not sitting directly on grass or topsoil.

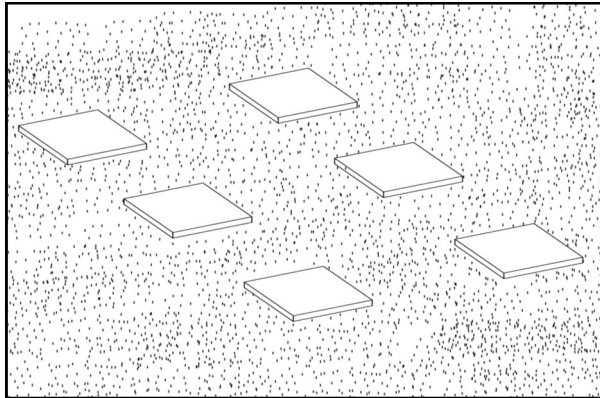
The customer is required to supply 2" thick paving slabs. The number of paving slabs required for each size shed is specified under the price list of the Timber Floor option.

On the day of fitting our team of Fitters will level the slabs before constructing the shed on top. The customer is not required to have the slabs level prior to the shed fitting.

Our Fitters will only level the slabs on top of the existing ground and will not carry out any digging or sinking of slabs under the ground. To level the base our Fitters will sometimes break the paving slabs and place one on top of another. If you would prefer to have full slabs supporting the base please ensure enough extra slabs are on site to facilitate this.

It is important to supply 2" thick paving slabs and not 4" concrete blocks. The 2" slabs will allow our fitters to more accurately level the shed while also keeping the shed closer to the ground.

In the event of no paving slabs supplied on site, our fitters will have no option but to proceed with fitting the shed directly to the customers ground and it will be the customers responsibility to level the shed at a later date.



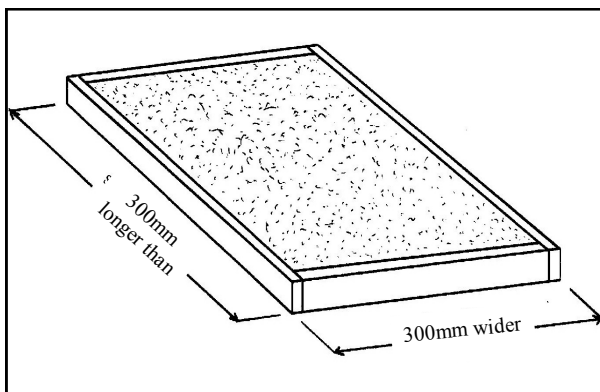
### Option 2 - Hardcore / Stone / Chippings for unlevel sites

If your site is very unlevel and you would still prefer to proceed with the Timber floor option, a stone base as shown in the diagram can be constructed to level the site.

This base will give the shed excellent support while also allowing water to drain away quickly and freely. Paving slabs are not required in this situation and the shed can be constructed directly onto the stone base.

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.

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 3 - Existing Concrete, Tarmac and Paved Areas

The last option is to build the shed on an existing concrete base or yard, tarmac drive or paved area. In this situation the shed will usually be fitted directly onto the ground where it will have excellent support. It is important to 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 or accumulate around the shed location the option of cutting the concrete and inserting a drain to divert the water away 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](mailto:info@admansteelsheds.ie)