



Base Preparation Guidelines

For Log Cabins

For optimal performance of your garden building a level and flat base is essential with the strength across the whole of the base including the perimeter.

The building should be on a slightly elevated solid base and should never find itself "standing" in water which is why we recommend the size guidelines below.

The unit should have a draught underneath facilitated by the tanalised bearers and water should be able to run away from the unit completely.

The ideal base is concrete or concrete slab 150mm thick, do ask our sales team if unsure.



OPTIMAL BASE SIZE & PREPARATION

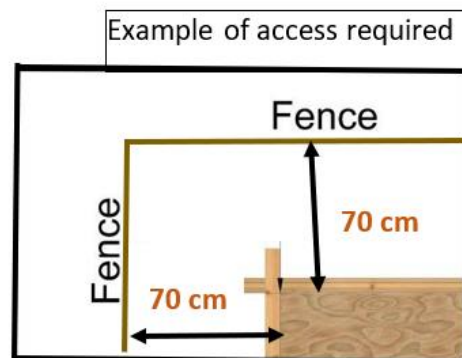
The size of your base depends on the type of building you are putting on it;

- *For Log Cabins with 3-inch (68 mm) walls the base should be 125mm (5") larger (over all) than the internal floor space.*
- *For Log Cabins with 2-inch (44mm) walls the base must be 76 mm (3") larger (overall) than the internal floorspace.*
- The base should be **LEVEL** and **FLAT** across the full width and length. If not and the base varies across, the building will not be straight and problems can occur after construction including poorly fitting/operating windows and doors, uneven/bouncy floors and gaps between the logs.
- The base must be stable enough to support our installers and the building for the duration of the assembly and should be perfectly square as our floors are manufactured in the factory to be perfectly square and there is no room for adjustment.

BASE LOCATION

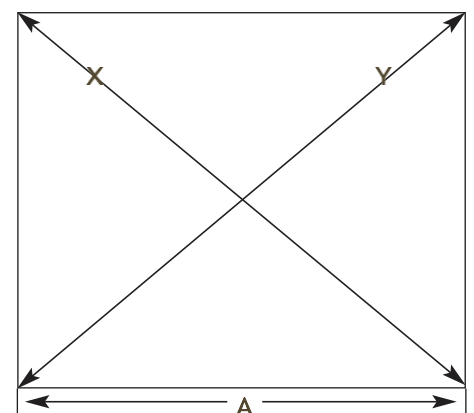
When deciding the optimum location for your base consider the access available to your log cabin.

- Ensure there are no overhead obstructions or other access issues.
- Ensure the base position allows for at least 70cm access around each side of your cabin for assembly and maintenance.



HOW TO CHECK YOUR BASE IS CORRECT

- You can check your base is level by using a spirit level.
- If you are building your base from scratch, check your shuttering by measure X and Y, these two measurements should be the same. If they are not, your base is not square.





Base Preparation Gallery

Below – simple concrete base with timber shuttering



Below - Steel Reinforced concrete base for large cabins



Other Key Points :

- We recommend that a trench drain be established to remove water from around the base, if this cannot be done then guttering should be installed.
- Give consideration that the majority of the weight is being placed on the perimeter of the cabin.
- The base **MUST** be 100% level in every direction and this is **THE** most important factor.
- Think about adding a damp proof membrane within or on top of the slab to stop any damp rising.
- Having the correct base will help to preserve the condition of your cabin.
- We can provide details of firms who will undertake this work.

SECURING YOUR BUILDING POST ASSEMBLY

- Your building is a stand-alone portable building.
- You should conduct your own risk assessment on the location of the building, its surrounding and if in an exposed location you should consider anchoring.

This can be done with either ground anchors or bonds or straps that go over the whole shed or log cabin.

