



Installation Instructions for Churchill Under floor safes

Important

It is essential that these instructions are read carefully and followed precisely, as failure to do so may affect your insurance rating

Model	Minimum thickness of reinforced concrete
Churchill Domestic	120mm Top & side
Churchill Vector	120mm Top & Side
Churchill Bulldog	120mm Top & Side

Floor Location

1. Below concrete or timber floor
2. Below concrete or timber floor with cavity
3. Onto a floor (where excavation is not possible) requiring encasement in reinforced concrete. The Churchill Emerald should not be considered for surface mounting.

Preparation Of Under Floor Safe

- A. Remove the under floor safe from the packaging, taking care not to damage the box, as you may find it useful when marking out the installation floor area.
- B. Remove the safe door and keep safely away from the installation area.
- C. Check that the neck of the safe is firmly attached to the safe body and also the deposit tube if fitted.
- D. For total protection it is recommended that the safe and neck are fitted with absorbent paper (to be removed once installation is complete)

Preparation of Installation site

- E. Carefully check the preferred safe location for possible hazards such as cables pipes and water services.

Floor Location 1

Mark out the floor to the approximate size of the safe (the box is a useful guide) plus the necessary thickness of concrete. Break out the concrete / timber floor and excavate the materials to the appropriate depth (the box is again a useful guide) and allowances need to be made for the concrete base thickness.

It is recommended that the base area of the excavation is larger than the ground floor area – now refer to actual installation work.

Floor Location 2

Check if a suspended concrete floor, that it is safe to break through the concrete slab. Mark out the floor to the approximate size of the safe (the box is a useful guide) plus the necessary thickness of concrete. Break out the concrete / timber floor and erect a timber shuttering enclosing a space adequate for the safe and thickness of concrete required – now refer to actual installation work.

Floor Location 3

Construct wooden shuttering or a steel case enclosing an area adequate for the safe and concrete walling and base – now refer to actual installation work

Actual Installation work

We recommend that the following mix should be adhered to.

1. 1 x part Portland cement
2 x parts sand – M grade
4 x parts gravel (maximum 10mm diameter)
Mix in a large tub or on a prepared surface aiming to achieve 30/50 Newton strength.
2. Line the hole with a continuous water proof membrane constantly ensuring that you do not pierce the membrane.
3. Pour a small quantity of concrete into the bottom of the installation area large enough to cover the base of the safe.
4. Place safe (prepared as previously described) onto the concrete making sure it is well bedded down. With the aid of a spirit level check that the top of the plastic neck is level with the floor surface.
5. Carefully pour the remaining concrete around the sides and top of the safe checking as you go that the safe has not been disturbed.
6. Once the concrete is fully poured clean of the dust cover and remove the absorbent paper from within the neck provided the concrete has begun to solidify.

Actual Installation Work continued

7. Once the concrete has solidified test the door in the body so that it locates into the safe neck and locks. **Remove the safe door and allow 5 days for the concrete to cure before removing the rest of the absorbent paper and bring the safe into use.**
8. The damp – proof membrane of the building should be made good if penetrated during installation. Care should be taken to ensure that the installation of the under floor safe does not negate any statutory fire resistant requirements for the floor. Advice can be obtained from the local fire authority or the building control officer of the local authority.

Maintenance:

Always use the escutcheon to protect the key hole

Always use the dust cover

Do not oil the lock – use a silicon spray or graphite powder.

Note:

If your safe does not operate in a normal manner or you notice something different with the lock operation contact Gunnebo UK or your local dealer

Warning:

An under floor safe is designed to give good service with proper use but needs to be treated with care.

Ensure that the dust cover is always in place to prevent injury should anyone walk nearby.