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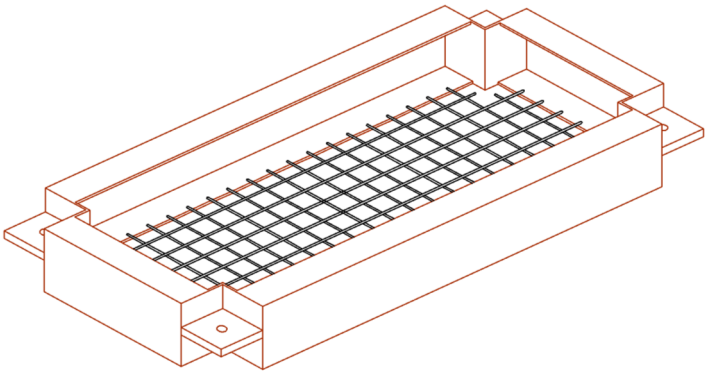
METHOD STATEMENT

Installation of an Inertia Base

1

An inertia base consists of a welded steel frame filled with concrete and supported by springs. The base will be supplied empty with either a layer of reinforcing mesh or a steel pan.

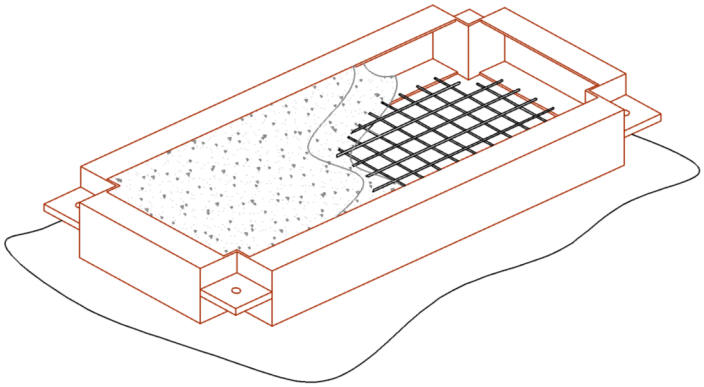
The base must be filled with concrete and the equipment installed before the springs are installed.



2

If the base is supplied with a steel pan, skip to step 3.

If the base is supplied with mesh, place the empty base on a layer of bond breaking material, such as polythene. Fill the base with concrete (standard C35 concrete is typical) to the top of the frame.

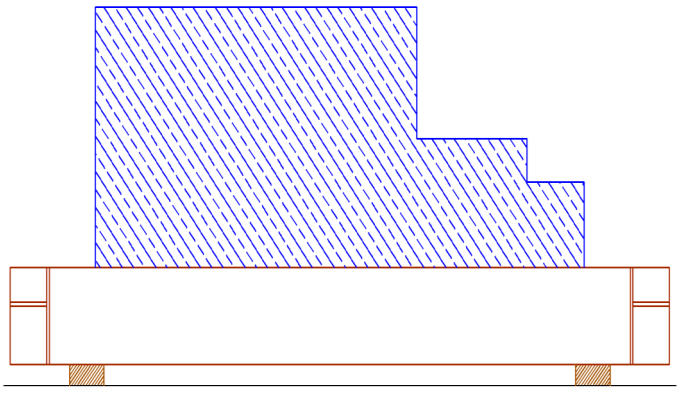


3

Place the base on temporary supports. The height of the supports is usually 50mm but confirm this with Mason UK.

If the base was supplied with a pan, it can be placed on the temporary supports then filled with concrete.

Once cured, anchor the equipment to the concrete in the desired location with suitable concrete fixings.



4

Attach all connections and fill the system. Once the equipment is at its full operating weight, install and set the spring mounts. Refer to ‘Open Spring Mount Method Statement’ for details.

Once the weight of the base has been fully transferred to the spring mounts and the base is level, discard the temporary supports.

No further adjustment or maintenance is necessary.