

Ground screw terms

Durabase requires the following to have been assessed to be able to supply a ground screw-compatible base.

Durabase cannot produce lateral or vertical loads. We can only supply base loading details for our connection design and provide this value generally for all projects. Lateral and vertical loads are the responsibility of the ground screw company or the company providing the building in question.

Quotes for Durabase Screw Feet will be calculated using our structural base requirements, not the vertical or lateral requirements unless they have been produced at this stage. Should the base need additional legs added to the initial quoted number we will revise the quote with the additional cost before ordering.

Lateral and vertical loads will need to be assessed before the order is placed with Durabase to enable us to manufacture the base with the required Durabase Screw Feet to suit the Building Regulation requirements.

It is the responsibility of the ground screw supplier to demonstrate that the applied vertical and horizontal forces can be resisted by the installed ground screws. An assessment of the vertical load, wind pressures and subsequent lateral forces applied to the ground screws must be undertaken by the ground screw supplier or building provider on a project-by-project basis in accordance with the relevant wind loading codes of practice and the geometry of the proposed building.

Test certificates that state the passing of the required standard for building control must also be supplied to customers once the job is complete.

The ground screws are to be set beneath ground level to allow room for the Durabase skirt to also finish beneath ground level, any ground screws above ground level will obstruct the skirt.

The ground screws also require a 400mm x 400mm x 75mm deep hole dug beneath the top plate of the ground screw to allow access for bolt fixing.

Durabase has no liability or responsibility for the ground screw specification, selection, fitting or positions.