

Scotland Ground Screw Guide



1. Initial Quotation

Installer

Provide the following information

- Ground depth: Internal unfinished house floor and the ground. (every 1m for sloping ground)
- Base setout of the finished external wall in relation to host wall
- Skirt type
- Identify drains, manholes
- Photos of site

2. Site Visit/Building Warrant

hup!

- Fill in Ground Screw Company site request form
- Arrange a date for site visit
- Inform homeowner of date
- Post site visit, agree foundation detail with Structural Engineer for Building Warrant Application

3. Order Confirmation

Ground
Screw
Company

Provide the following

- A price for your hup! base
- An indicative ground screw count

- Send order details to hup! as outlined in Initial Quotation
- Check order confirmation details
- Sign and return order confirmation
- Order confirmations will not be accepted without base setout datums on the host wall
- Send ground screw plan to ground screw company

4. Installation

- Mark the unfinished house floor level (datum) on the back wall
- Excavate c.300mm down from this level
- Mark the edge of the finished external walls on to the host wall
- Build the steel base and insulated floor

- Final design checks
- Send order confirmation
- Liaise with Ground Screw Company to make any changes to the base design
- Design a screw plan within 7 days
- Send screw plan to ground screw and installer
- Inform all parties of the delivery date

- Deliver the base to site on the agreed date

Provide a quote for your ground screw installation and site visit

- £1800 for site visit (50% refundable on installation)
- £110 per screw

Prices from No More Digging Scotland

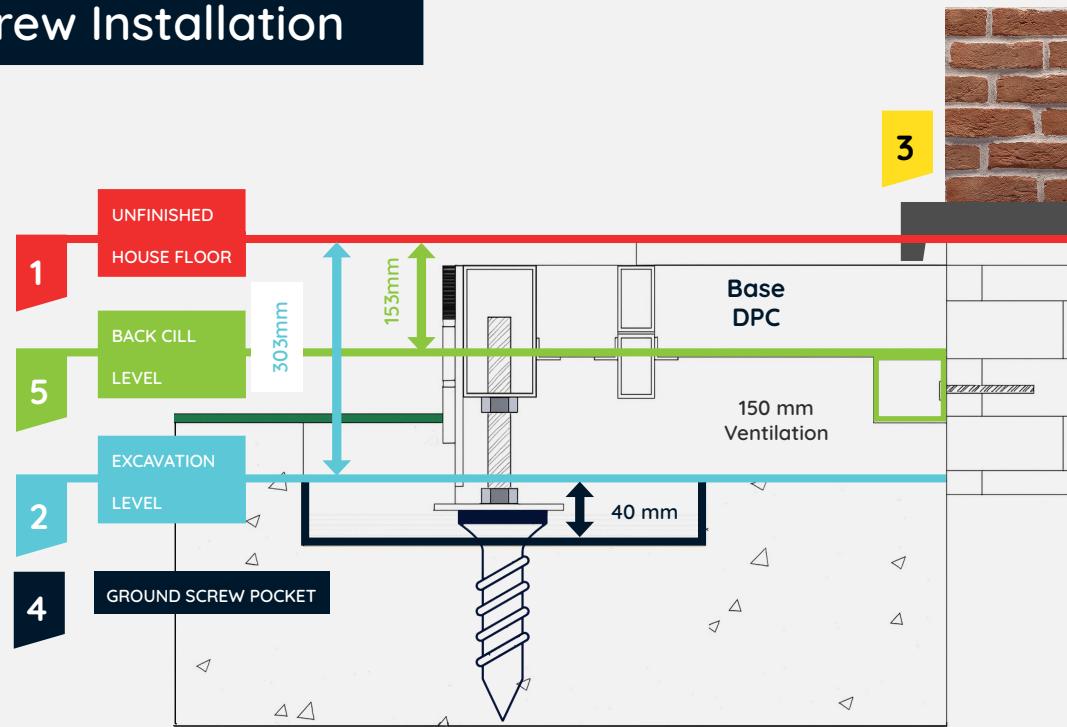
- Provide a pull-out test report for Building Regs application
- Inform you of any potential issues and additional costs
- Provide a quote for excavation and base installation if required. Please note Ground Screw Company will NOT provide skips if they are needed

- Book the ground screw installation
- Assess ground screw plan
- Liaise with Ultraframe over ground screw plan

- Fit the ground screws
- Dig pocket holes 40mm deep around the ground screws for fixing later



Scotland Ground Screw Installation



1 SET THE DATUM

Mark the unfinished house floor datum on the exterior of the house wall.

This is the level of the house floor without any floor tiles etc i.e the top of the screed.

This can be done in chalk or using tape (top of tape is datum).

2 EXCAVATION

Excavate c.320mm below the datum.

The top soil may be distributed around the site or removed.

This step may not be needed if ground is already 320mm below finished floor level, or as ground slopes away.

3 SETOUT

Mark the edge of the finished wall datum onto the host wall.

This can be done in chalk. All walls that project from the house wall must be marked.

If this is not marked out on the house wall - Ground Screw Company will abandon the visit and you will be charged.

4 GROUND SCREWS

Install the ground screws with pocket holes.

The ground screw plan indicates the precise location.

Pocket holes must be at least 40mm deep and allow for access to connect the steel base plates.

5 BASE

Install the steel base, insulation and chipboard floor.

Position the back cill 153mm below the unfinished house floor. The steel frame sits 22mm below to allow for the chipboard floor.