

# England & Wales Ground Screw



## 1. Initial Quotation

## 2. Site Visit

## 3. Order Confirmation

## 4. Installation

### 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

#### Contact a local ground screw company

#### Prior to site visit

- Fill in Ground Screw Company site request form
- Arrange a date for site visit
- Inform homeowner of date

#### On site

- Clarify set out points and floor level
- Confirm who will excavate / prepare the site

- 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

- 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

### hup!

#### Provide the following

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

- Final design checks
- Send order confirmation
- Liaise with the hup! installer to make any changes to the base design if required after site visit
- Design a screw plan within 7 days
- Send ground screw plan to the installer
- Inform the installer of the hup! delivery date

- Deliver the base to site on the agreed date

### Ground Screw Company

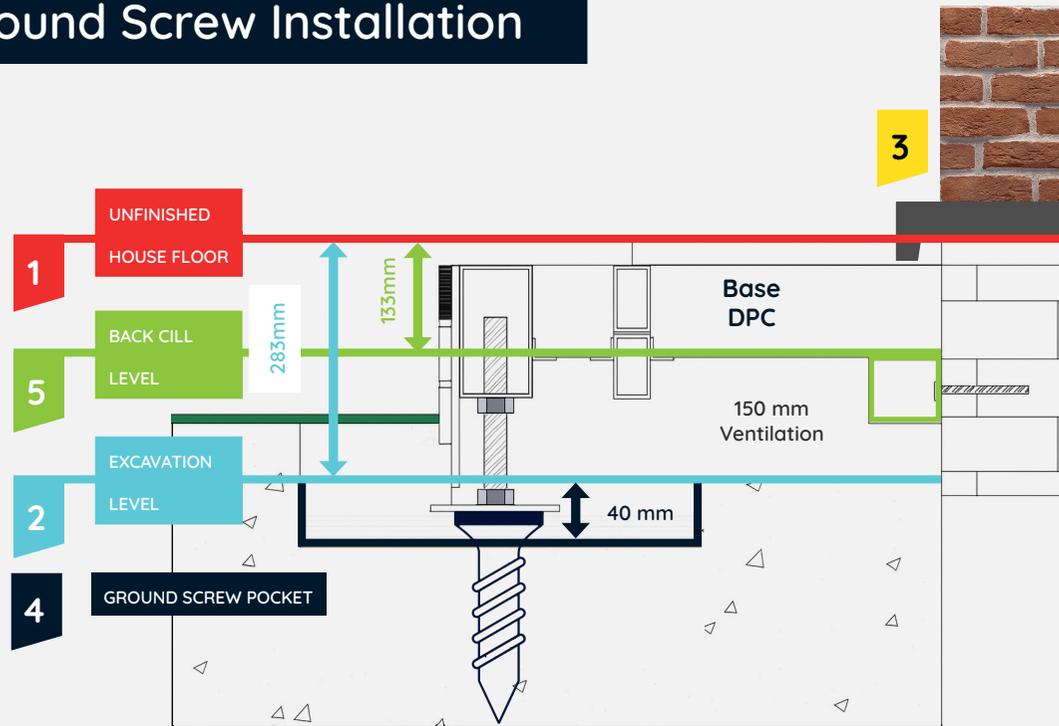
#### Provide a quote for your ground screw installation and site visit based on the indicate screw count.

- Provide a test report for Building Regs application
- Inform you of any potential issues and additional costs
- Provide a updated quote including any agreed excavation.

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

- Fit the ground screws
- Dig pocket holes 40mm deep around the ground screws for fixing later
- Excavate if contracted to do so

# England & Wales 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.300mm below the datum.

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

This step may not be needed if ground is already 300mm 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 133mm below the unfinished house floor. The steel frame sits 22mm below to allow for the chipboard floor.