

# Ground Movement

Keyline offers a range of products to solve all your ground movement problems.

## Clay Heave

Clay Heave is the term used to describe extreme movement in the soil and subsoil which can have devastating effects on structural foundations.

It is prevalent in areas of the UK where the soil contains a high proportion of minute mineral particles, i.e. clay. This creates a propensity to soak up more moisture in wet conditions causing greater than normal expansion. Conversely, in dry conditions shrinkage is more pronounced.



## Claymaster

Claymaster is an inexpensive, low density, EPS compressible board formulated to reduce pressure on foundations such as ground beams and the sides of trench fill up to 3m deep. It forms a compressible buffer between soil and the structure, contracting with soil movement but leaving the foundations unaffected.

Claymaster can be used effectively beneath and to the sides of ground beams in piled constructions, as well as along walls of deep trench foundations, to relieve pressures.

The required thickness and extent of Claymaster should be determined in accordance with the requirements of NHBC chapter 4.2 Technical Standards, as it is dependent on site conditions. It is strongly recommended that expert advice is sought prior to commencing site work.

Contact your local Keyline branch for more information.

Sizes available: Lengths: 2400mm  
Width: 600, 1200mm  
Thickness: 50, 75, 100, 150, 200mm

Additional widths and thicknesses are available to order.

## Pile and ground beam foundation

