

Clayshield – Installation Guide

Deep Trench Foundations

When Clayshield is used on the vertical faces of trench foundations, ensure the bottom of the foundation is substantially below the level where clay heave occurs, i.e. the zone of swelling.

Ensure the boards are closely butted and adequately supported and retained to prevent their being dislodged during pouring of the concrete.

Fixing Tool

The Springvale fixing tool is available from many distributors. It enables boards to be fixed up to 2.5m deep without entering the trench. This method is recommended in order to ensure the safety of the site operative. To hire a fixing tool contact your distributor or call **0845 769 7452**.

A DVD of the Fixing Tool in action is available [here](#)

Fixing Tool Operating Instructions are available [here](#)

By Hand

Where it is not possible to use the Fixing Tool due to trench erosion, site tape may be utilised. A 3m length of tape is fixed to the end of both toe pins. Insert the pins into the base of each board. Pull the tape over the concrete – facing side of the board. Lower the Clayshield board into the trench ensuring that the yellow spiked ends are pushed into the trench floor. Without damaging the board, secure it to the side of the trench by pulling the tape firmly and fixing the tape at ground floor level.

Springvale toe pins are available from all Clayshield stockists.