

# Lightweight Shoring Equipment

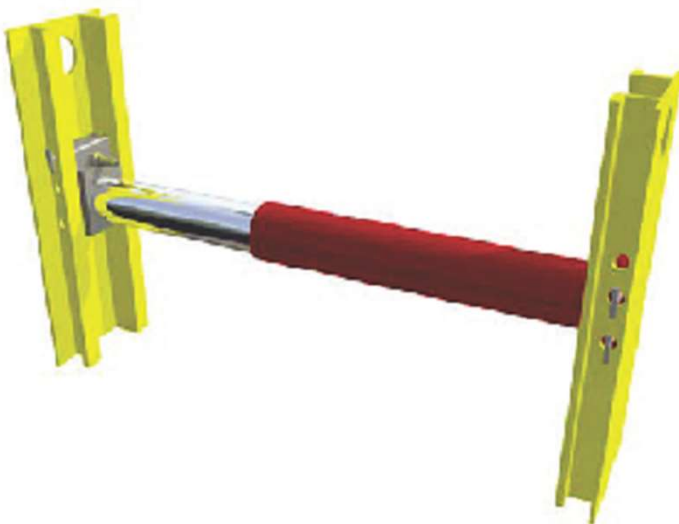
Byrne Civil have regular requests to carry out sensitive excavations that are usually carried out by hand such as exposing live services and trial holes for soil sampling etc.

The excavations are often left exposed over time prior to backfilling. The trial holes are not especially deep, but they can suffer from exposure, material falling back into the excavation. They have been seeking a solution that would tidy up the excavation, afford good access and prevent any deterioration over time. The below lightweight GRP trench support system has proved to be a good option.

## GRP VERTISHORE - 0.5M VERTISHORE / BABYSHORE

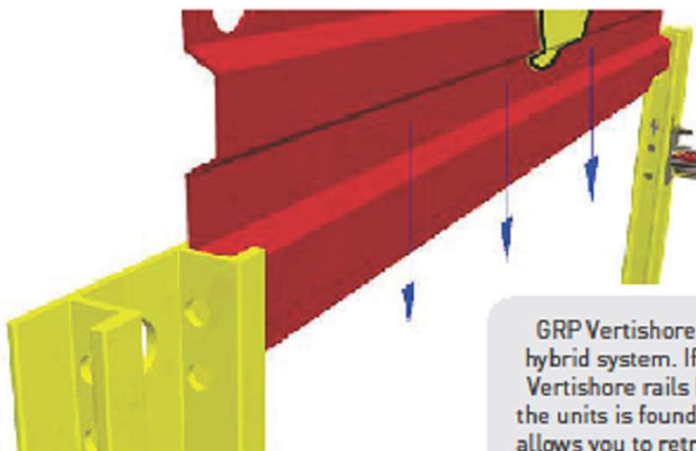
The 0.5m long GRP Vertishore is intended to be used in shallow trenches up to 2.0m deep where the layout of the excavation or obstructions such as services precludes the use of larger products. It can also be used to provide additional shoring support to the battered ends of trenches, avoiding the need for Endsafe struts or in conjunction with trench sheets and panels.

In trenches of 1.3m deep and beyond ensure that a minimum of 4 No. loaded jacks are in place, 2 either side of the point of entry. Setting out for 0.5m Vertishores must be done in strict accordance with Trench Jack Spacing Rules (see page 8.6).



Max. horizontal spacing between installed units is 1.5m centre to centre.  
Max. vertical spacing between installed units is 1.2m centre to centre.

## GRP VERTISHORE - ALTERNATE CONFIGURATIONS



GRP Vertishore can also be installed as a hybrid system. If the trench is shored using Vertishore rails but the ground in-between the units is found to be unstable, the product allows you to retrospectively slot GRP panels into the side grooves of the walers to protect the operative from loose materials whilst carrying out a repair. Alternatively GRP panels can be placed behind Vertishore rails.

### Key Points

1. Lightweight.
2. Portable.
3. Affords good
4. Clean site area.

**For More Information Contact Michael McCarron (Byrne Civil) 0161 231 7700**