

Cleaning Stop Ends

- The extraction of stop ends can be regarded as a routine operation for many piling operatives but can be a risky operation if not done with care.
- A Concrete, Clay or Bentonite crust can build up on the stop end during excavation of the Diaphragm Wall panel and stick to the stop end during extraction.
- It is important that before the stop end is removed, appropriate tools and equipment is readily available for cleaning. Eg. Compressor and Breaker, shovels, hammer & chisel, pressure washers.
- Large lumps of material should be cleared from the top of the stop end before the crane begins to remove the stop end from the panel.
- Be prepared to stop if material is stubborn and takes more time to remove. All material from the front and reverse surfaces must be removed before the stop end clears the panel.
- Ensure that the lay down area has already been prepared for the stop end and timber skids are in place.
- Use poles and ropes on the stop end once it has been lifted from the panel. This will assist with positioning and turning the stop end when laying it down and prevent operatives standing beneath it.
- Keep all non essential personnel clear of the operation at all times.

Did you Know?

A fatality occurred on a Diaphragm Walling site in Spain caused by a lump of concrete falling from a CWS stop-end following its extraction.



Q. Why must we ensure that stops ends are cleaned before and during extraction?

Q. What equipment will we need to clean the stop end?