

CASE STUDY: Taylor Wimpey PLC, Pennington Wharf

Our Client: Taylor Wimpey PLC.

Contract: Pennington Wharf Development, Leigh, Greater Manchester

Scope of works: Construct raft slab foundations to large scale development over 10 years.

Site address: Pennington Wharf Development, Leigh, Greater Manchester, WN7 4QD

Web Address: www.taylorwimpey.co.uk/find-your-home/england/greater-manchester/leigh/pennington-wharf

Brief:

Taylor Wimpey are building a large scale development of almost 500 homes. A very large site with a 10 year construction period.

Fast Form has been chosen to supply our own Fast Form brackets and have also supplied Alkus plastic ply.

The system has been sold to give immense time and cost saving benefits over the life of the project, Alkus is guaranteed for 7 years and expected to last beyond the 10 year project, Fast Form Brackets also carry a 7 year warranty with an expected lifespan of 15 years plus.

The result is Taylor Wimpey have a system in place for casting all of the house foundation slabs that will outlast the contract, there is ZERO Timber Usage or Wastage, a huge reduction in waste and Carbon Footprint.

The system is re-usable and will last much longer than the duration of the project and will be then moved onto the next project, even at the end of their useful life Fast Form and Alkus can be fully recycled.

Reason for rejection of alternate methods:

Traditional formwork would have resulted in high timber usage and wastage and over the 8 years of the project would have to be replaced many times, also it is much more expensive overall. Fast Form offers overall cost savings on materials but also halves the cost of labour for installation and can be erected in half the time giving further time saving benefits.

No Carbon Emission reduction and also high wastage.

Panel System: No crane so heavy panels could not be lifted in or out, panel sizes did not fit, would have taken days to erect (with crane) and also more expensive long term, price to purchase also much higher and no 7 year warranty.

No Carbon Emission reduction and also additional machinery required would have increased the Carbon Footprint.

Artists Impression of Pennington Wharf:



Fast Form System in use with *Alkus Plastic Ply

