

CASE STUDY

Morecambe



The issue

Upgrading Morecambe

Suprafil were commissioned by C2V plus on behalf of United Utilities to carry out work to a new waste water treatment works site in Morecambe.

The solution

Adopting the DfMA framework model

Suprafil were asked to adopt the DfMA framework model for the assembly – which meant all components for the new Nereda system at Morecambe would be built off site and partially assembled prior to arrival at site.

Suprafil dramatically reduced their installation time on site by using the new framework model, despite a steep learning curve.

The large-scale project also included blowers, blower manifold, tank heads and all the Nereda internals at a new site.



Although it was a steep learning curve for all of us, we knew we had to reduce the installation time on such a complex installation.



The result

Adopting the DfMA framework model for the assembly was a new way of working for Suprafil. Every component had to be built within strict tolerances to ensure the installation fitted together on site.

Suprafil also needed to maximise floorspace within their Lancashire factory when manufacturing and assembling the items, and decide on the most efficient way to transport the various modules to site.

Summary

The project went smoothly, and Suprafil's partnership approach with the client led to shared use of cranes and machinery to further reduce costs and traffic on site.

The DfMA framework model has now been adopted for the majority of projects Suprafil install to minimise onsite installation time, and the number of deliveries required to further reduce their carbon footprint.