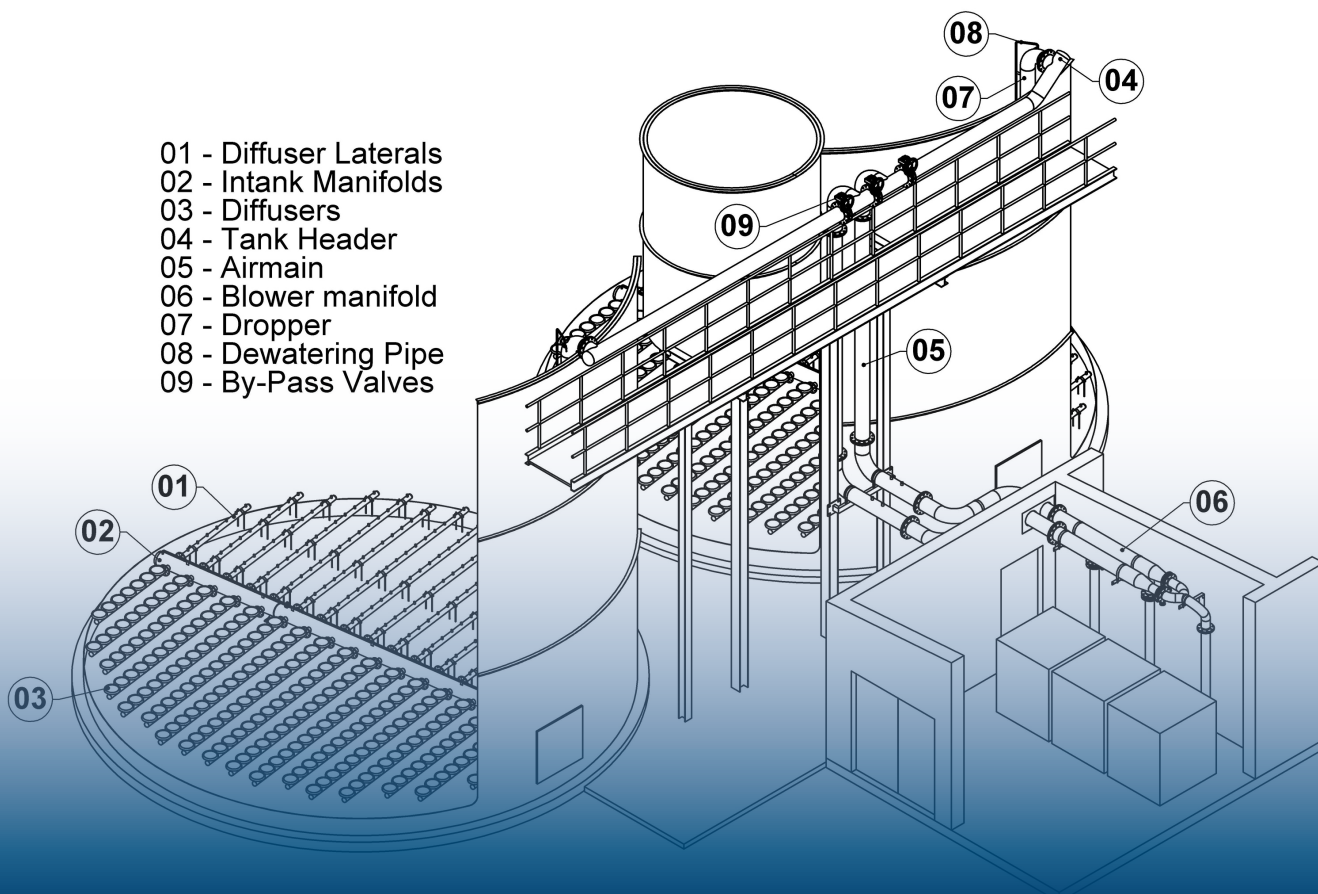


CASE STUDY

Sonoco Paper, Halifax



The issue

Choking the plastic pipework

A build-up of thick chalky calcium carbonate proved a messy job for the Suprafil team.

The aeration specialists were called in to remove the chalky subject which was choking the plastic pipework and preventing the existing system from working and interrupting production at a paper mill in Halifax, West Yorkshire.

The sheer weight and thickness of the limescale was crushing the plastic pipework and lining the walls, floor and hardware within the tanks.

The solution

Minimising the build-up of calcium carbonate

After conducting an in-depth report into the cause of the build-up, Suprafil were commissioned to supply a blower manifold, tank and header system, and fit new valves. The company declined to go with the suggested improvements to the process.

In each of the two tanks, 852 9-inch diffusers coated in PTFE were installed, to try to minimise the build-up of calcium carbonate.



The tanks weren't aerating at all because of the build-up of calcium carbonate in the tank, and were therefore interrupting the paper and cardboard recycling process at the paper mill.



Graeme Fielden,
Sales Director at Suprafil

The result

Longer term solution to help with the upkeep

As well as a stronger stainless-steel pipework solution, all fabricated and installed by Suprafil's in-house team, a tapered floor was also installed to help with the cleaning of the tanks.

Summary

The installation time was just four weeks, and the work was completed on time and to schedule. This enabled the factory to increase its production and efficiencies.