



Symprove Sands Road - The Sands Farnham, Surrey



Water storage requirements

Initially the Symprove manufacturing site was bringing water for the process in from a small 1 1/4" mains water supply which was shared by a neighbouring golf club, pressure was poor & the supply was further compromised when the golf club were maintaining their greens with irrigation systems. With the demand of the Symprove product increasing, the mains water supply couldn't keep up with the daily demand of water required for the process. Purewater were invited to site to learn about the process & to offer a solution to overcome the issues. A large water storage tank to store the daily process demand was required on the external of the new production building this combined with a booster set to transfer the stored water from the tank to the new fermentation kettles where the production process starts. As the product is mainly water based and for human consumption with improved health at the forefront of their product, Purewater were asked to implement a system to supply the highest quality water to the process. The water enters the site straight through an ultra violet treatment rig, the treated water is then stored for production, to enhance this the water will be further treated whilst stored in the storage tank by circulation through a UV system connected to the tank & finally the stored water is boosted which will flow through a final UV filter before it enters the fermentation plant.

Project timescale

From the initial site visit to completion of works the date of the project spanned over 8 months.

PW.11x2.5x1.5M Sectional tank



Key partners



Project date: 3rd June 2024

Project overview

Symprove is a manufacturer of a water based gut supplement which is backed by scientists & endorsed by celebrities to aid gut health. Symprove is an award-winning supplement which has transformed many lives for the better. Originally founded by Barry Smith, the development of Symprove commenced almost 40 years ago & was originally developed to aid with gut health for cattle in the farming industry & today has revolutionised gut health for the human population.



Challenges and obstacles

With the Symprove site located in a rural area of outstanding natural beauty the tank height could not protrude above the perimeter fence line in order to adhere to local planning requirements, therefore we needed to identify an area large enough for a tank to meet the capacity required for production. An area on the external of the building was identified where the tank could be located leaving enough space for a pedestrian walkway alongside the new tank which also created challenges of bridging the tanks incoming pipework & process pipework across the pedestrian walkway.

UV Twin pump booster set



Products Installed

- GRP Sectional water storage tank
- PW.11x2.5x1.5M High IFB (Internally flanged base)
- PWH3001 Enclosure
- Stainless Steel Food Grade Twin Pump Booster Set
- UV Circulation & Inline UV Filters



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