

Dignus LST Radiators

In collaboration with Butco for Dignus Healthcare



We were approached in 2020 by James Tough of Butco and his team to help develop a low surface temperature radiator that would survive the 'kick test' for Dignus healthcare.

After an initial meeting and various site visits to Dignus scheme, we recognised the problem they were having with their existing radiators and controls. They had damaged and dangerous casings, broken TRVs and endless replacements.



Butco had exhausted the market trying to solve the problem posed by Dignus and found other manufacturers could not fulfil all the requirements of the customer.

The remit posed was in brief:

1. A robust cover to withstand the 'kick test'
2. To meet all of the regulations and achieve high outputs
3. To be compact and discreet. They didn't want an institutional-looking cover
4. Not to be cost prohibited

Butco reached out to Towelrads, who supply LST's and other radiator products to the UK market. Upon understanding of the requirements, we investigated the possibility of producing a more robust casing with our UK Fabricator Adcam, based in the West Midlands. Adcam produced a sample of the LST casing utilising a 2mm thick steel sheeting, rather than the 1.5mm industry standard. This proved a viable option upon testing and was put forward to the client. On the back of this successful project for Dignus Healthcare, Towelrads now offer 2mm and even 2.5mm thick casings as bespoke options in their LST range.

A sample was sent to Butco to test and was approved by the customer to cover all items above.

The bespoke LST's were manufactured to match a sample site in Crown Lane, Sutton Coldfield. These have been installed and to date, there have been no issues with the covers, radiators, or internal controls. We are working on other schemes with Dignus and have been able to offer this product to other clients.

The process of testing the radiators and running them on a sample site has allowed Towelrads to promote these further. It was thanks to Butco's enquiry that made this possible.