

# Adaptions

## Case Study



## Project Brief

United Welsh's partnership team required the provision of safe and clean bedroom and bathroom facilities for a resident of a Mirus supported home.

Mirus are a not-for-profit organisation who support people with learning difficulties, mental health conditions & complex needs.

## Approach

At design stage with the architect, MPS Surveying, we collaborated with Mirus to find the solutions needed to meet the resident & support workers needs.

With specialist products often having long lead-in times, it was imperative that the right product, suppliers & subcontractors were selected.

The specification was agreed and our in house technical team entered the planning stages of the project.

## Challenges

The resident required the ability to bathe & shower independently in a safe environment that could not be achieved with standard wet room or bathing facilities.

A vandal resistant solution was required to provide a safe and secure environment for both resident & support workers.

Time constraints due to resident needs - they are unable to use temporary accommodation for an extended period so the project had to be completed in less than 7 days.



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# Solutions

## Independent Bathing

To help assist with independent bathing facilities, we engaged with Dart Valley, who are the market leaders in automated washroom applications. They provided a solution to include automated W/C, Taps, Shower and bath filling, all of which can be managed remotely by the support workers to enable the resident to use the toilet and washroom independently.

## Hygienic & Easy to Clean

To enable the easy cleaning of the rooms, a watertight wall & flooring system was required. With experience of using Altro wall panelling in commercial environments and using their safety flooring in wet rooms, we recommended the use of Altro products. Altro Whiterock Satin was chosen to provide a colourful, welcoming and hygienic environment. LRV to RNIB standards were achieved through the use of contrasting wall board colours.

Altro Wood Safety Comfort fitted to the bedroom floor and with a cove former allows for easy cleaning whilst providing a homely aesthetic finish for the resident, whilst Altro Aquarius was used for the bathroom.

## Vandal Proof

Window- Britplas were engaged to install a SafeVent window, featuring a patented design that allows maximum safety together with high levels of natural light and ventilation.

Walls and Floors – The Altro wallboards are versatile and can be bent around corners reducing the number of joints. Where required, watertight jointing strips were used instead of welds, removing any pick points.

Safe Wash & Bathing Facilities- The automated washroom system is operated by touch with no taps or hoses

## Sensory Therapy

Smart sensory lighting was installed, allowing support workers to dim and change lighting colours remotely using an app, as well as using a switch. Bluetooth speakers were also installed to provide music to both the bedroom and bathroom.

## Labour Resourcing

An in-house project team was put together to include directly employed joiners, plumbers, floor layers, ground workers, electricians, decorators and our own approved Altro installers led by our key project co-ordinator working alongside the architect to ensure smooth delivery on time and on budget.



Before



After



Before



After

