

Project Name Bamfylde Way
Place Plymouth
Contractor C&P Plastering
System RendaClad
Completion 2018

After the successful build of 67 units at Porsham Heights, the working collaboration between SPSenvirowall, C&P Plastering, Galliford Try Partnerships, and Plymouth Community Homes is overwhelmed by the benefits generated on the housing development in Southway, creating a beautiful range of brand new homes to Brentor View.

The old primary school site is host to 95 homes, 55 of which are for affordable rent and 40 for shared ownership. These new homes offer easy access to shops and schools, along with great transport links in and around the Southway community

The range of 1, 2, 3 and 4 bedroom houses have adopted a modern method of construction approach utilising local timber frame manufacturers Cornwall Timber Build along with SPSenvirowall's 60-year assured BOPAS accredited RendaClad solution. This streamline methodology of building advances the delivery time to that of conventional methods whilst ensuring high-quality standards are achieved, in turn providing homes quicker to the much-needed families of the Plymouth Community as more than 15,000 people remain in need for housing.

The construction completed through competitive tendering was delivered 6 months early, with homes being occupied some 5 months ahead of schedule. Despite its sizable savings the main benefit actually goes to the housing association which not only has an asset in which it is able to further lend against. SPSenvirowall estimated benefits of early income revenue and averaged as follows:

22 units / occupied 10 months ahead	22 x average £400/month	-
£88,000		
18 units / occupied 9 months ahead	18 x average £400/month	-
£64,800		
23 units / occupied 8 months ahead	23 x average £400/month	-
£73,600		
32 units / occupied 6 months ahead	32 x average £400/month	-
£76,800		

Totalling an estimated revenue worth of £303,200 which would not have been considered at the time of procurement.



Combining time savings and revenue by embracing the MMC approach for this contract, it has achieved an added value sum of over half a million pounds against conventional methods which was delivered to the programme.

Additionally, the existing neighbouring homes of the surrounding area have benefited from a substantial reduction in disruption with the early delivery of this new site, minimising the day to day impact that comes with all construction sites.

If the external façade alone had been constructed using a masonry aggregate block with traditional sand and cement render the site would have needed to order a staggering 1417 tonne / 97 rigid vehicles to satisfy the m2 requirements, by using SPSEnvirowall's RendaClad as a proprietary lightweight façade this was the catalyst solution in the reduction of vehicle requirements whereby the RendaClad components were delivered in full on 8 rigid loads / 135 tonnes.

This reduction in vehicle activity equated to significant CO2 savings and also had a positive impact on the local community.

