

Seaton Beach

The UK's first multi-residential Passivhaus Plus development

Seaton Beach is an innovative and award-winning new development of 8 luxury beach-front apartments in Seaton, Devon.

The development company's vision for Seaton Beach is to build a beautiful building that will stand the test of time and which will become a landmark for Seaton.

The design provides spacious and elegant accommodation throughout the seven 2-bedroom apartments and the 3-bedroom penthouse.

Having achieved planning permission, the client appointed Gale & Snowden to develop detailed designs and oversee the construction phase of the project.

Building on the Practice's extensive experience with Passivhaus and building biology (healthy building) developments, the project utilises construction methods developed through Gale & Snowden's evolutionary approach to detailed design.

Using a monolithic clay block construction with high-performance render externally and plaster internally means an entirely mineral wall build-up which is hygroscopic, helping to regulate humidity, providing a healthy and comfortable internal environment. Designed around the large-format block coursing, construction time is greatly reduced, drying out period is minimised, and come the end of the building's life, the construction can simply be crushed up without the need for separation and disposal of composite elements.

Designed and built to be Passivhaus certified, means that the apartments will have a very consistent and comfortable temperature and indoor air quality.

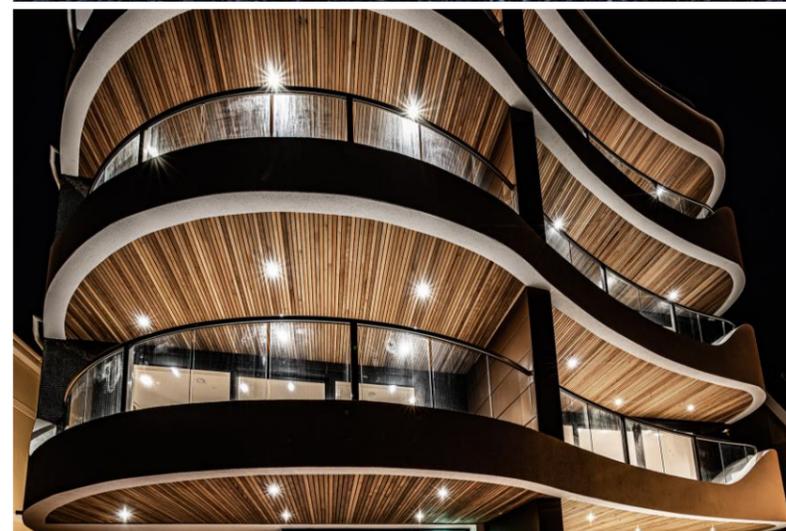
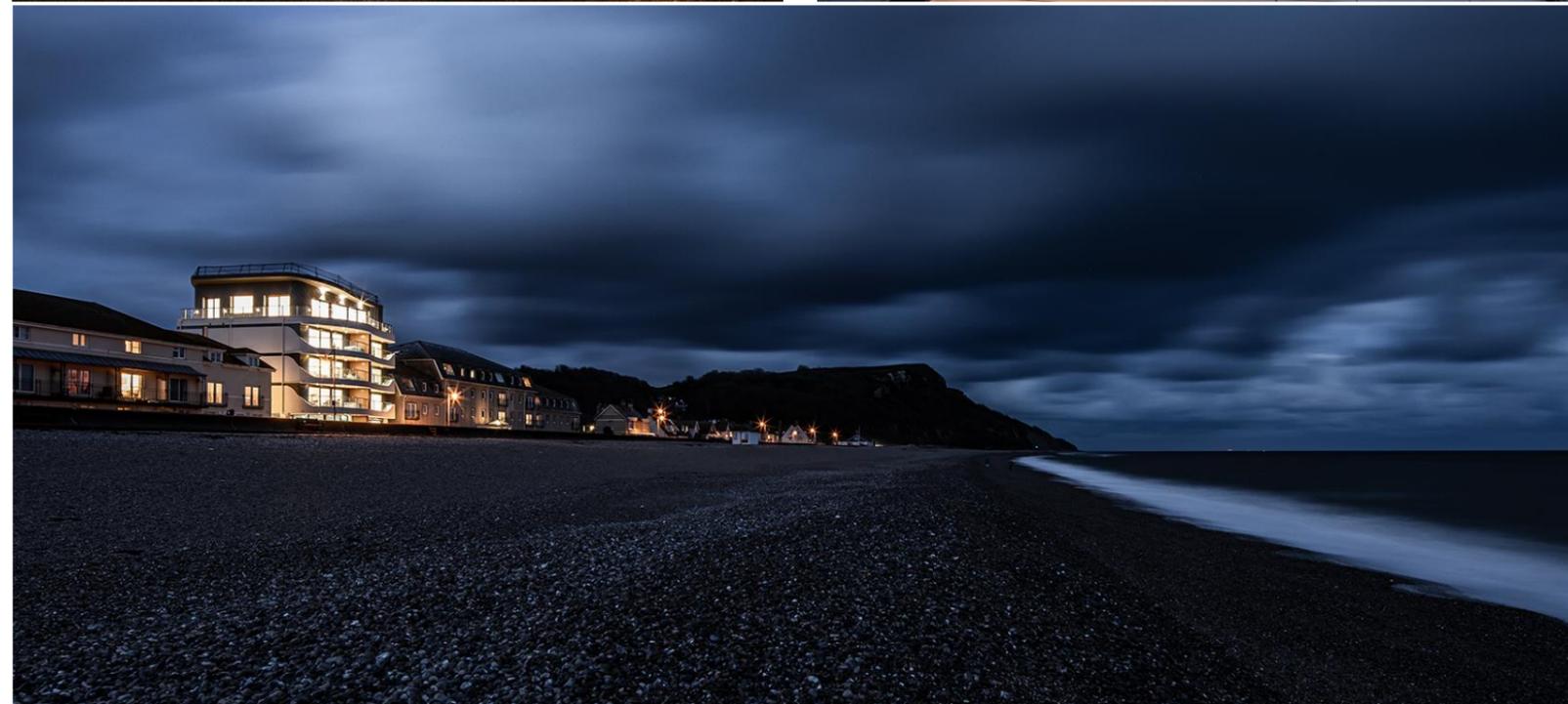
Seaton Beach is the first multi-residential development in the country to receive the Passivhaus Plus certification.

The heating demand of a Passivhaus may not exceed 15 kWh/(m²a) but with the introduction of new PH categories, the overall demand for renewable primary energy (PER) is used instead of primary energy demand, which was used previously. A building built to Passivhaus Plus may not consume more than 45 kWh/(m²a) of renewable primary energy. It must also generate at least 60 kWh/(m²a) of energy in relation to the area covered by the building (passivpedia.org).

The apartments meet the Lifetime Homes Standard. This means that in the future the owners can make adaptations to their home to reflect changing accessibility requirements, and hence enabling them to remain in their home for longer.

They also have achieved the Secured by Design Gold Award.

Seaton Beach has won Best Sustainable Residential Development in the UK at the 2019 International Property Awards.



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