

Fixed and Folding Panels Case Study – Medina House, Hove

Medina House is a new residential building designed by the award winning architect Keb Gavarito-Bruhn. Inspired by the former Turkish baths on site, the property is located right on the sea front, adjacent to two blocks of flats which raised privacy issues and a planning requirement for external louvers.

Envioblinds was contracted by Size Group to design, manufacture and install the bespoke fixed and folding louvered panels to the first and second floors of the building.

The challenge was to design louvered panels that could perform in a harsh coastal environment, as the house is located within just 100 metres of the sea. The profiles and guides were produced in stainless steel to meet the wind load requirements and the louvered infills made from accoya, which is a stable and extremely durable timber.

Each floor has a different design of louver to compliment the building façade. The folding panels are manually operated and kept in position with custom made solarium magnets and stainless steel top and bottom vertical lockers.

The louvered panels enhance the building whilst providing privacy to the occupants who can enjoy the view to the outside without the public looking in from the promenade.

Installation was completed successfully in the summer of 2020 with all the supply and labour challenges related to Covid! The panels are performing brilliantly and are maintained annually with a clean, polish and application of lubricant.

The building has been very well received by local residents and described as a "truly magnificent building" and "an installation of artwork on Hove seafront that will last for generations".

