

Published 20 October 2014

Location Montfort L'Amaury Sections

Architecture

Keywords

BEPOS, green architecture, P.A.T.H., Philippe Starck, positive energy home, Prefabricated Accessible Technological Homes, prefabricated home, prefabrication, residential, Riko, singlefamily house Network

Like on Facebook

Share on Twitter

Pin to Pinterest

Combining Philippe Starck's design and Riko's expertise with state-of-the-art insulation and energy production technology, "Prefabricated Accessible Technological Homes" – P.A.T.H. integrates seamlessly high eco-technology systems – solar, thermal, solar photovoltaic and wind turbines, which make it possible for the homes to produce more energy than they consume.

P.A.T.H. houses are built following state-of-the-art industrial prefabrication methods, which guarantee maximum reliability. Their unique building process minimizes any possibility of errors compared to classical on-site building methods.



↑ Philippe Starck and Riko, P.A.T.H.

This process also makes it possible for the owners to save time and money. Thus, once the house has been ordered, it takes less than 6 months time to deliver the P.A.T.H turnkey house to the new owners. Assembling and finishing works take approximately three months. Moreover, with a range of prices from 2 500,00 to 4 500,00 euros per square meter according to the owners' specific choices, P.A.T.H. houses reconcile owners' financial constraints with their desire to live within a technological and ecological environment.

October 2014 marks the launch of the entire line of P.A.T.H., with 2 models of houses: Formentera (single-storey concentric residential homes), Montfort (single-storey or double-storey houses opened to the outside), and a third model of supplementary units intended to be used as a guest room, a garage or a garden studio. These houses are available in several floor plans: the future owners can choose between 34 different floor plans, which range in sizes 140 sqm to 350 sqm, as well as in number of rooms (from one to eight).



Each house is available in three types of structures (allglass outer shell, combination of wooden walls and glass surfaces or full wooden-made structure) and in several kinds of roofs. Finally, the customers can mix-and-match several options of exterior and interior finishes, fixtures and equipment.

P.A.T.H. houses involve cutting-edge ecological solutions in terms of insulation and impermeability, as well as high ecotechnology systems, making it possible for the owners to generate energy from renewable sources: solar panels, wind turbines seamlessly installed on the roof, rainwater recovery systems, etc.

These systems allow homeowners to consume far less energy than in a traditional house: in the Montfort prototype, global energy needs are optimized for the house to consume a third of the energy that a traditional house consumes. P.A.T.H. houses are launching the second generation of Positive Energy Buildings (BEPOS) and produce more energy than they consume: the Montfort prototype produces 50% of additional energy in comparison to what it consumes.

