



Pinewood home in IJburg

— AMSTERDAM (NL) — On Steiger-eiland, a recent addition to the IJburg island development in East Amsterdam, LLarch architects designed a Scandinavian-style **timber dwelling**. Apart from the tropical hardwood frames, the house is constructed entirely of pine. The prefabricated frame of cross-laminated planks, the roof deck of hollow composite elements and the striking red facade are all made from this type of wood, which was subjected to a variety of treatments.

The facade, made from thermally-modified pine, was coated with Sansin, a water-based paint system. All the internal walls and ceilings were treated with lye, to prevent yellowing due to UV radiation. They were then treated with a wax to ensure that the wood retains its natural appearance.

A special feature of the house is the sculptural staircase in a stairwell that widens as it rises. It divides the first floor into two spacious bedrooms and a bathroom. The second floor contains a generous kitchen/dining room. The tall window on the street side has a deep window-seat wide enough to accommodate several people. On the top floor, with a splendid view over the water, is the living room. The section of floor on the

street side is slightly raised to create an intimate space, while the ceiling slants upwards towards the garden side. Here, too, the window boasts a deep window-seat, as requested by the client.

The entire structure, including internal walls and ceilings, was made in the factory, thereby facilitating the seamless detailing of this house. For instance, rebates were milled in the door openings in the internal walls, making door frames superfluous and allowing the upper corners of the doors to be rounded. As such, the house is a fine example of the many potential applications of prefabricated timber construction in the housing industry. (EMIEL LAMERS)

PINEWOOD HOUSE, 2010

Architect LLarch (Lidewij Lenders) **Client** Verbeek family **Frame** Lenotec **Roof deck** Lignatur **Facade** Thermowood **Bathroom** Studiokwest **Address** Steiger-eiland, Amsterdam **Info** www.llarch.nl

