



Woodlands

Location: St.Leonards, Buckinghamshire

Material Used: ThermoWood Ayous Hardwood Cladding

The new 4,000sq.ft pavilion style dwelling has an open plan design with habitable spaces at ground floor, bedrooms at 1st floor and utilities and storage at basement.

Its form and materiality using our ThermoWood Ayous Cladding allows it to nest modestly in the surrounding landscape and large amounts of glazing allow contrasting, beautiful views from all directions.

The Thermally Modified Ayous hardwood (also known as Obeche) after modification is a creamy colour with a fine grain. It is very light in weight at 500 grams per metre and similar in texture to clear grade cedar but with the added advantage that it does not suffer from tannin bleed when exposed to moisture. The profile chosen was the Palma profile which utilizes a clip system to avoid face fixing. As this profile creates a 5mm air gap a waterproof breather membrane is always used to cover the skin of the building and the boards can be run as in this project vertically or horizontally.

This particular client decided to let the UV sunlight naturally silver the timber rather than have it pre-oiled, which unlike some timbers does not affect the 25-30 year durability as the silvering process is just the UV oxidizing the surface and if scratched will expose the original colour beneath.