

GREEN ASSET INITIATIVE OF THE YEAR

AEDAS HOMES – FIORESTA



LOCATION:

Alicante

SECTOR:

Residential – BTS

DEVELOPER:

AEDAS Homes

SUSTAINABLE INNOVATION:

 Mass timber
as primary
construction
material


FIORESTA, the first AEDAS Homes development with a mass timber structure and the first multi-storey building in the Valencian Community to incorporate mass timber as the primary building material, broke ground in 2022.

The two-block, 51-unit residential development in San Juan de Alicante (located in newly-developed Nou Nazareth) comprises four storeys and well-appointed common areas, with two and three-bedroom units with an average floor area of over 100 sqm. All units have large terraces, garage and storage room.

The structure is built primarily from cross-laminated timber (CLT) panels, which shortens the project's construction timeframe compared to conventionally-build developments. More

importantly, FIORESTA's carbon footprint will be significantly smaller than similar developments built with conventional solutions and materials. The project also incorporates bathroom pods, another solution that reduces construction timeframes, ensures higher quality and uses far fewer resources in the manufacturing process than traditional bathrooms built on site.

FIORESTA marks a milestone in our journey towards innovative and sustainable construction as it is the first of a number of developments that will have mass timber structures. The non-visible structure of several buildings will be made from timber, specifically CLT panels, beams and pillars, to weave lightweight trusses that are solid and durable, thus creating optimal structural resilience.

This construction model is based on three pillars: the development of a system of components designed to standardise the construction process from start to finish; a network of selected, quality partners who take part in the project's development; and a digital platform that combines its own tools and the integration of third parties to manage the process end-to-end in real time.

