References

AEDAS Homes Qian Majadahonda



An eco-living project designed by Lamela Architects

Qian is a new-build development offered by AEDAS Homes in Majadahonda. An eco-living project situated on a 32,500 m² site, featuring an architectural design comprising 210 high-quality homes created by the Lamela Architecture Studio. Eco-living with the AEDAS Homes brand and solutions from Uponor

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The development has been built in a single phase (2- to 5-bedroom homes) and every detail has been carefully considered in its design, such as the generous floor space in each room, which is further enhanced by the complete freedom to decorate as you wish, thanks to the Uponor Invisible Climate Control underfloor heating and cooling system, which eliminates obstacles such as air conditioning units or radiators.

The building services engineering has been designed to ensure high energy efficiency and to reduce energy consumption and maintenance costs.

The project has been awarded the BREEAM® Sustainable Construction certification.

Project Facts:

Location
Madrid, Spain

Completion
2023

Building Type
Multi storey building

Address
Majadahonda (Comunidad de Madrid)

Project Type
New building

Partners

Promotor: AEDAS Homes

Arquitecto: Estudio de Arquitectura Lamela

Instaladora suelo radiante: Vicente y Rivero

Instaladora fontanería: Instalaciones Francisco López

Commitment to sustainability, quality, design and aesthetics

With an A energy rating and BREEAM® certification, the efficiency of AEDAS Homes Qian centres on an air-source heat pump system that harnesses the thermal energy present in the air and transfers it into the home to activate the Uponor solutions, providing heating, cooling and domestic hot water.

This comprehensive system delivers significant savings in energy costs and reductions in direct CO emissions, achieving, for example, renewable energy production accounting for 60% of the total energy consumption for domestic hot water, or ensuring that between 66% and 80% of the heat generated by air-source heat pumps comes from the outside air at no cost to the owners. An ecosystem committed to sustainability, combined with photovoltaic solar panels.

In addition, the homes at AEDAS Homes Qian feature the Uponor Smatrix Pulse system, which allows for smart control via a mobile app and voice commands, as well as Uponor Quick & Easy plumbing and concealed Uponor Multiclick shut-off valves, which create a cleaner, more aesthetic design. In addition to a ventilation system that maintains air quality, the Invisible Air Conditioning system generates no draughts, promoting greater comfort and indoor well-being.

AEDAS Homes Qian







> “Uponor is one of the leading suppliers of Invisible Climate Control systems on the market and to AEDAS Homes. At AEDAS Homes, Qian has provided technical support throughout both the design and construction phases. On-site supervision, carried out in collaboration with the installer, has been key to ensuring the proper functioning of this Invisible Climate Control system.”
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> Saúl Castellanos, Quality and Procurement Manager at AEDAS Homes

Address

Uponor UK
The Pavilion, Blackmoor Lane,
Watford, WD18 8GA

Phone 01923 381212
E-Mail
customerservice.uk.bfs@georgfischer.com
W www.uponor.com