References

Riverside by Neinor Homes: a unique architectural design with BREEAM certification in Madrid Río



Uponor involvement

Invisible underfloor heating system (cooling/heating) Uponor Klett Self-adhesive | Uponor Smatrix Base

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A tower block featuring Uponor's Invisible Air Conditioning system that has transformed the Arganzuela district.
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The project was designed by Touza Arquitectos. The 20-storey building, comprising 51 flats and certified to BREEM (Good) standards, is situated in one of Madrid's most fashionable and revitalised areas and was developed by the property group Neinor Homes.

Residents in these 2-, 3- and 4-bedroom homes benefit from a sustainable, energy-saving solution that incorporates Uponor Klett Self-Fix and Uponor Smatrix Base systems to create the Invisible Climate Control system (heating and cooling) via underfloor heating.

Project Facts:

Location	Completion	
Madrid, Spain	2020	
Building Type	**Product systems**	**Number of floors**
Multi storey building	Radiant Heating & Cooling	51

Partners

Promotor: Neinor Homes

Arquitectura: Touza Arquitectos

Constructora: Construcción San Martín

Ingieneria: Ingeniería Valladares

Instaladora: Vicorsa

Exclusive homes and unbeatable views, bearing the Neinor Homes stamp



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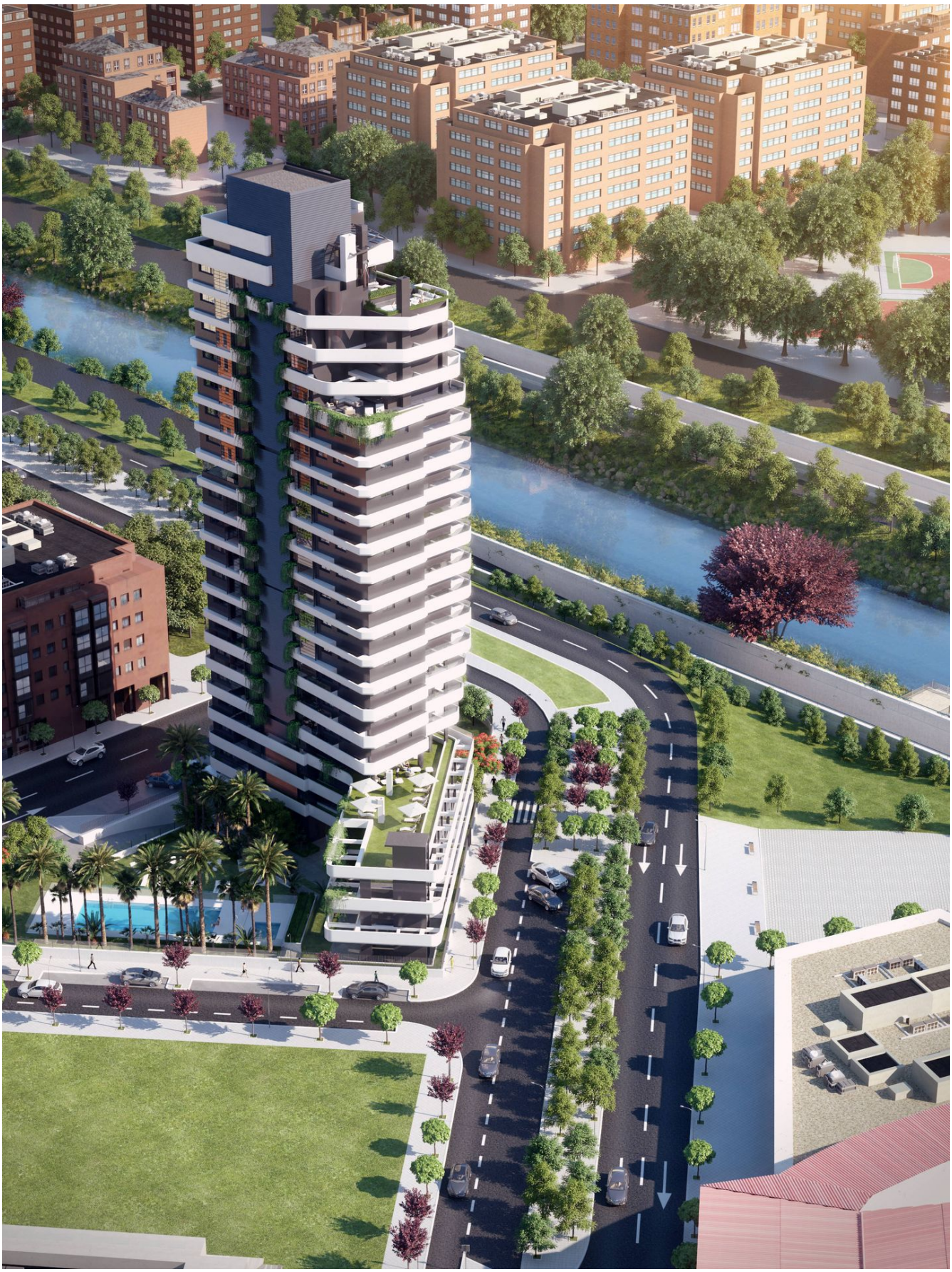
The height of the complex offers residents spectacular views from the development. All owners, regardless of which floor their home is on, have access to the Mirador de las Estrellas on the building's rooftop (20th floor) and the Mirador del Río on the 12th floor.

Furthermore, with a focus on sustainability and energy efficiency, the building features elements such as a ventilated façade and appropriately sized windows, which will ensure better thermal and acoustic insulation, as well as Uponor's Invisible Climate Control system using underfloor heating and cooling.

This underfloor system distributes heat and cooling evenly and ensures a comfortable temperature at all times, without any draughts. It also gives homeowners complete freedom to design creative and spacious interiors that complement the

architecture of Riverside Homes.

In addition, tenants benefit from the Uponor Smatrix Base smart control system with self-balancing functionality, which regulates the underfloor heating and cooling systems and is capable of learning from users' routines. Through its self-balancing function, it anticipates temperature changes and adjusts the exact amount of energy required to ensure optimal comfort at all times, whilst optimising energy consumption.



“A building whose façade mirrors the course of the river and the green spaces that surround it. It incorporates all the necessary sustainability and energy-efficiency features to ensure the excellence of the design within a harmonious and striking architectural framework.”

Touza Arquitectos

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