Referenzen

Requalification of suburban areas with energy efficient residential buildings



Beteiligung von Uponor

300

Requalification of suburban areas with energy efficient residential buildings

In the last few years Euromilano and PRU Certosa consortium have been dealing with requalification of the Quarto Oggiaro area in via De Pisis.

Fakten zum Projekt

Location
Quarto Oggiaro, Italy

Fertigstellung
2006

Gebäudetyp
Einfamilienhäuser

Product systems
Flächenheizung und -kühlung, Nahwärmeversorgung

Adresse
via de Pisis

Art des Projekts
Neubau

Partner

installer
Isedra

In the last few years Euromilano and PRU Certosa consortium have been dealing with requalification of the Quarto Oggiaro area in via De Pisis; an area in which they planned residential buildings, as well as a park and adequate social structures. They

paid high attention to energy saving while planning the buildings, starting from the source: a district heating line. The heating fluid starts at a medium temperature for the heating of the bathrooms, and it is then transformed into low temperature for under floor heating panels, thanks to a self regulating thermoregulation system for each apartment. For each living unit, there it is also possible to calculate the energy usage, both for hot water and heating; this way every user can manage his/her own comfort. They chose under floor heating panels to give the people living in the buildings a higher comfort than the one they would experience with traditional radiators. The advantages are many: they live in healthy environments, and they are free to decorate and live their own home as they see fit. The installer company Isedra chose Uponor for the type of under floor heating systems and plumbing systems. They choose Uponor insulated panels, WirsboPex pre-insulated pipes and Quick & Easy system. These systems have been successfully used by Isedra for many years. The final objective of this project was to match energy saving with client satisfaction.

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