

**Reference Case Saint-Louis, Alcazar**

April 2021/Cornelia Bachmann

((Text/images for flyer and media release))

**Futuristic architecture - first-class technology**

**The exclusive apartments offer a high quality of life**

**The border triangle of France, Germany and Switzerland is bustling with construction activity. At the highest point of the small French town of Saint-Louis, a bold apartment building is being built with exclusive apartments and high-quality finishes. The JRG Sanipex MT and COOL-FIT piping systems ensure a first-class standard of building services.**

**Project background**

The "Résidence Alcazar" has 14 floors and is considered the new landmark of Saint-Louis. The architecture is surprising, the panoramic view from the uppermost maisonnettes over the pulsating economic area of Basel is beguiling. Large balconies and terraces create open spaces and ensure light-flooded apartments with premium amenities. A total of 64 apartments with two to six rooms and one commercial space will be ready for occupancy at the end of 2021.

**Selected technical solution**

A residential building in the upscale segment requires high-quality building technology. The sanitary installer who won the tender therefore relied on the JRG Sanipex MT system from GF Piping Systems for the drinking water installations right from the start. For the air conditioning (cooling and heating) of the building, large pipe dimensions of the COOL-FIT system were installed in the riser zones. The lightweight plastic pipes are already pre-insulated and reduce installation time as well as energy loss. JRGUTHERM 2T was used as the hot water circulation controller. Gabriel Borg, Sales Manager at GF France, supported the sanitary company in the planning and contributed his experience.

**Achieved improvements**

The decisive factors for choosing JRG Sanipex MT were the very high hygiene standard of the system and the wide range of dimensions. The unique flare clamp connection technology of JRG Sanipex MT enables pipe connection without narrowing the cross-section and without dead spaces where bacteria and legionella could form. The Fraunhofer Institute has provided evidence that all joints in the system meet the criteria for sterility. The pressure loss is also minimal and there is only slight flow noise. These are ideal properties for installations in a high-rise building. The plastic used for the pipes hardly accumulates lime and is particularly resistant to corrosion. Both JRG Sanipex MT and COOL-FIT are certified according to BREEAM, LEED and DGNB because of their special overall energy consideration.

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**Benefits from JRG Sanipex MT**

- Meets highest hygiene standards thanks to full pipe cross-section without dead spaces
- High corrosion resistance and low calcification of the material
- Detachable and reusable flare clamp connection technology
- Simple assembly, majority possible without electricity
- Environmentally friendly, certified according to BREEAM, LEED and DGNB
- Proven system for 20 years with numerous innovations

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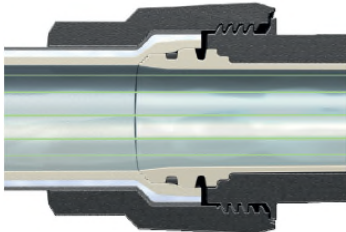
**Pictures**

The drinking water installations for the high-quality apartments meet the highest hygiene standards. (Visualizations: AEA Architects)

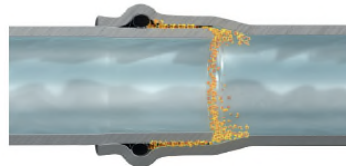


Pipe joints without narrowing of the cross-section and without dead spaces.

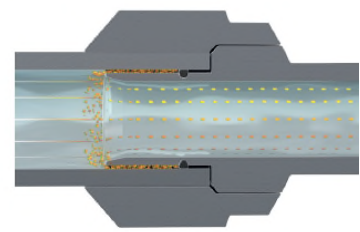
**JRG Sanipex MT**  
Dead space free without  
cross-sectional narrowing



**Conventional system**  
with dead space



**Conventional system**  
with dead space and  
cross-sectional narrowing



Full cross-section and no dead spaces: JRG Sanipex MT ensures optimum water flow. Pressure losses and flow noise are low.



The high standard of installations contributes to the quality of life in the exquisite apartments.