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DESIGNING FOR SPACE - OPTIMISED PLUMBING SOLUTIONS



1. Explain how the use of single pipe sewage systems can help save internal space

The use of single pipe sewage systems makes it possible to minimise service duct sizes and thereby increase floor space.

2. What impact does the current minimalist design trend have on available space?

This puts more pressure on functional space by making it necessary to balance hidden plumbing with user function items such as vanities, mirrors, and shower niches.

3. When aiming to save space, how important is it to explore innovative solutions early in the design process?

Early engagement is essential to explore innovative hydraulic design solutions that maximise space efficiency. By involving stakeholders early, designers can avoid overestimating spatial requirements, enable smarter use of space, and shift away from traditional approaches—unlocking opportunities for more creative and efficient layouts.

4. In terms of plumbing, how can specifiers ensure their projects are adaptable and suitable for future uses?

- Prioritise systems like concealed cisterns, which are designed with assured spare part availability for at least 50 years.
- Select products designed with backward compatibility to ensure new components or systems integrate seamlessly with existing installations.

5. Explain how the installation of siphonic rainwater systems can help declutter the external design of a building.

Utilising siphonic rainwater systems can declutter external design by bringing downpipes in from the building façade and concealing that pipework internally.