



## OBJECTIVE:

Provide plumbing for coffee bars and kitchenettes on each level of a multistorey wooden building.

## CHALLENGE:

Core drilling may compromise or degrade the integrity of the timber building.

## SOLUTION:



**SANICOM 2**

## ADAPTABLE, MULTILLOCATION PLUMBING SOLUTION

One of the most exciting developments in architecture is the resurgence of timber and the innovative construction of tall wooden buildings. Timber construction has significant advantages, particularly for the environment, as it is a strong and renewable material, and it reduces biodiversity loss. It is more sustainable in terms of embodied energy and greenhouse gas emissions than concrete or steel, and provides opportunities for climate change mitigation through a process of carbon sequestration.

*“Tall wood buildings have been proved to reduce greenhouse gas emissions, reduce fossil fuel consumption and may even protect forests through eco-conscious harvesting”. ArchDaily*

The construction of timber buildings presents many unique challenges, one

of which is the need to limit core drilling as it may compromise or degrade the integrity of the wooden structure. This is the challenge that a recent client faced when they wanted to install coffee bars and kitchenettes in their brand new wooden building.

When the hydraulic engineering team were consulted about this exciting project, they recommended the developer design each floor of the multistorey timber building to accommodate the individual client's preferred kitchen location. As these were leased spaces, the various lessee businesses had different amenity requirements. To achieve each of the desired wet areas, traditional plumbing was not possible as the timber building had limited core drilling capacity. Instead, a creative plumbing solution was needed.

**“The Hydraulic engineers and architects specified the pumps to be used when designing the building, as they allowed the design flexibility of putting kitchenettes wherever the clients required. They chose Saniflo as they knew from past experience across many projects, that it is a reliable, quality product.”**

- Project Engineer at Mr Water Plumbing Services.



### KEY BENEFITS:

- ✓ Compact design
- ✓ Ability to pump water of up to 90°C
- ✓ Comes with wired alarm panel
- ✓ Two motors in alternate use for more intensive use

## SANICOM 2

Sanicom 2 is a dual-motor lifting station for draining waste water. The twin motor Sanicom 2 has duty load sharing capabilities allowing for second motor redundancy and extended service life. The second motor relieves the first by engaging when excess water enters the pump. The ability of the pump to adapt to any location with no drilling required made it the obvious solution to meet the varying requirements of the lessee clients.

**“The Sanicom 2 was the ideal choice for this project as the client wanted the assurance of a twin motor pump so that the sinks in the shared kitchen spaces would always be functioning; this along with full alarm functionality of this unit satisfied both the client and the specifying consultants.”**

- Gregory Waters, Technical Manager.

Saniflo’s Sanicom 2 was able to achieve these desired wet areas and had the added benefit of offering unparalleled design flexibility, and useful cost savings. This allowed each level of the building to have their kitchenette and coffee bars in whichever location suited their needs.

Having worked with Saniflo on many previous projects, the hydraulic engineering team knew the Saniflo products would facilitate design flexibility and save costs in some areas.

The solution was simple. The hydraulic engineering team built in the basic plumbing lines allowing each lessee business to locate bathroom, kitchen or toilet facilities wherever they chose.

The result is an architecturally impressive and practical multistorey timber building, complete with all desired amenities.



### ABOUT SANIFLO

Saniflo is a brand created and owned by the French owned SFA Group . For over 60 years the SFA Group’s goal has been to allow one to easily install toilets, showers, sinks, kitchens, baths and hand basins literally anywhere. From its early beginnings as the inventor of the domestic macerating system, the SFA Group is today amongst the main companies providing pump solutions worldwide. Synonymous with quality and technical expertise, Saniflo’s made in France products comply with the strictest quality requirements and consistently meet customer expectations. Saniflo products all have Australian Watermark approval and their pumps are intended to be installed by licensed plumbers.

### SANIFLO’S DESIGN SERVICE

Saniflo offers project consultancy and assists architects and hydraulic consultants by reviewing plans, assisting with design layouts and recommending the correct pumps and their ideal location. We even work with the plumber onsite during installation to ensure that everything goes as planned. Saniflo has a wide selection of products for domestic and commercial application to provide design flexibility.



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