

## Fast Flow State of the Art Siphonic System Installed in the Tallest Building of Singapore



Fast Flow is pleased to be part of the Tanjong Pagar Centre development as we worked closely with Architects 61 to design a suitable rainwater management system to match the building's requirements. Strong project management capabilities and high performance of the Fast Flow Siphonic system were among the main criteria why Fast Flow was chosen by Samsung C&T Corporation (main contractor).

The Tanjong Pagar Centre is served by 82 Fast Flow Siphonic outlets to drain a total catchment area of 12,218 square metres. Among them there are 34 Primo 75™ siphonic outlets, up to 40 litre/second capacity with exceptional performance. The building is also well-equipped with 181 psVent™ installed in the balconies. The psVent™; a unique anti-backflow device is the key element of the Fast Flow Pressurised System. This device allows Fast Flow to reduce vertical drainage system diameters which service "Wind-Driven-Rain" spaces without fear of balcony flooding.

Tanjong Pagar Centre, also known as Guoco Tower, is a S\$3.2 billion mixed-use development located in Tanjong Pagar, Singapore. With a height of 290 metres, it is currently the tallest building in Singapore.

The development won the 2014 World Architecture News Mixed-Use Award in the Future Projects subcategory, was a finalist for the 2015 World Architecture Festival Commercial Mixed-Use Award in the Future Projects subcategory.

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## Tuas Bus Interchange



Artist's Impression of Tuas Bus Interchange. Image Source: <http://landtransportguru.net>

For more than two decades Fast Flow has been the specialist in providing the clients with our siphonic technology that has solved numerous architecture complexities. Throughout the firm we have embraced a culture of collaboration that we believe breeds a more holistic approach to design a clearer path to innovation through a cross-pollination of ideas and talents. From sport complexes to airports, industrial to municipal, our market sectors represent shared experience and expertise of our best systems consultants and design engineers. We bring the highest level of commitment to all of our projects and help our clients to materialize their requirements.

Due to a successful marketing drive, Fast Flow Singapore was appointed as a rainwater solution provider for the development of the Depot at Tuas West Drive - Bus interchange by Jurong Primewide Pte Ltd which is the main contractor of this project. Fast Flow worked together with Jurong Primewide Pte Ltd during the development of Tuas MRT Depot in 2012 and Home Team Tactical Centre in 2013. The two companies were reunited to complete the development of Tuas Bus Interchange in 2014.

Design and installation services for Jurong Primewide Pte Ltd are a product of the relationships that Fast Flow has established with the company during the design phases of the Tuas Bus Interchange project. The project applies Fast Flow's siphonic system and utilizes 148 Arteco-R™ to drain a total catchment area of 12,700 sqm. Fast Flow's LEAD-FREE pipe (psPipe™) is also used extensively in the discharge pipework to transport water through long distance (250 meters) without slope from the main building to the public drainage.

### About psPipe™

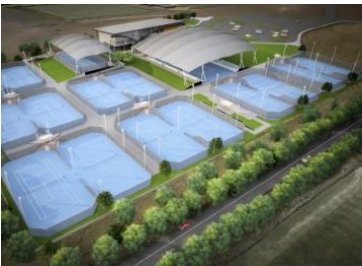
The psPipe™ is specially designed to withstand the positive and negative pressures that occur in siphonic and pressure flow. Manufactured from LEAD-FREE UPVC material makes psPipe™ ideal for rainwater recycling as it provides a safer way to do this by minimizing the water pollution. The Singapore Green Labelling Scheme Secretariat recently granted the right use of the Singapore Green Label for the psPipe™ as Environmentally Preferred Pipes (Product Certification No. 069-001-3009). Fast Flow is the first rainwater management systems provider in the region to have an entire range of UPVC pipe products certified with the Green Label Singapore.

## Take a sneak peek at Fast Flow Group newly secured projects

### Australia



Valencia Residences, Brisbane



Marrara Tennis Centre, Darwin



Cancer Care Facility, Mackay

### Singapore



National Cancer Centre



Artra Mixed Development

### Malaysia



KPJ Empire Damansara



SAC Parcel 2 Senai



Tropicana Gardens RT Four





## Australia



Mercedes Benz Autohaus, Newstead



The Coterie at 365 St Pauls Terrace



Central Park Residences

## Singapore



Project Southernwood



The Alps Residences



Global Switch Data Centre

## Malaysia



Riana Dutamas



Continew



Masjid Pagoh





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