

The Art of Drainage Exhibits at MCE Asia 2015



Mostra Convegno Expocomfort (MCE) Asia's exhibition showcase and conference sessions span across the HVACR, water and energy solutions for the commercial and industrial building sectors.

The first edition of MCE Asia 2015; the region's leading trade show for the energy efficiency and reduced resource consumption, opened on 2nd September 2015 as part of the week-long series of events under the Singapore Green Building Week (SGBW). Organised by Reed Exhibitions, the three day exhibition was held from 2 to 4 September 2015 at Marina Bay Sands, Singapore. The event was officiated by Singapore's Minister for Environment and Water Resources, Dr. Vivian Balakrishnan.

Fast Flow Group set up a booth at MCE Asia 2015 in Singapore. The company promoted its advanced technology of rainwater management and the LEAD-FREE products, which boast of environment- friendliness on top of its renowned high functionality and high-performance. Fast Flow has achieved world class standards in terms of its technology. The company's involvement in many of Asia's iconic building projects is recognition of Fast Flow's strong position in the field of rainwater drainage. Fast Flow presented a wide range of its patented rainwater management systems and products which include psRWDP™, psSTACK™, Primo™, Piccolo™, Arteco™ and psVent™.

The exhibition attracted more than 7,000 attendees from around the region and attended by trade associations and business delegations from Indonesia, Malaysia, Myanmar and Taiwan.

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A New Alam Sutera Landmark

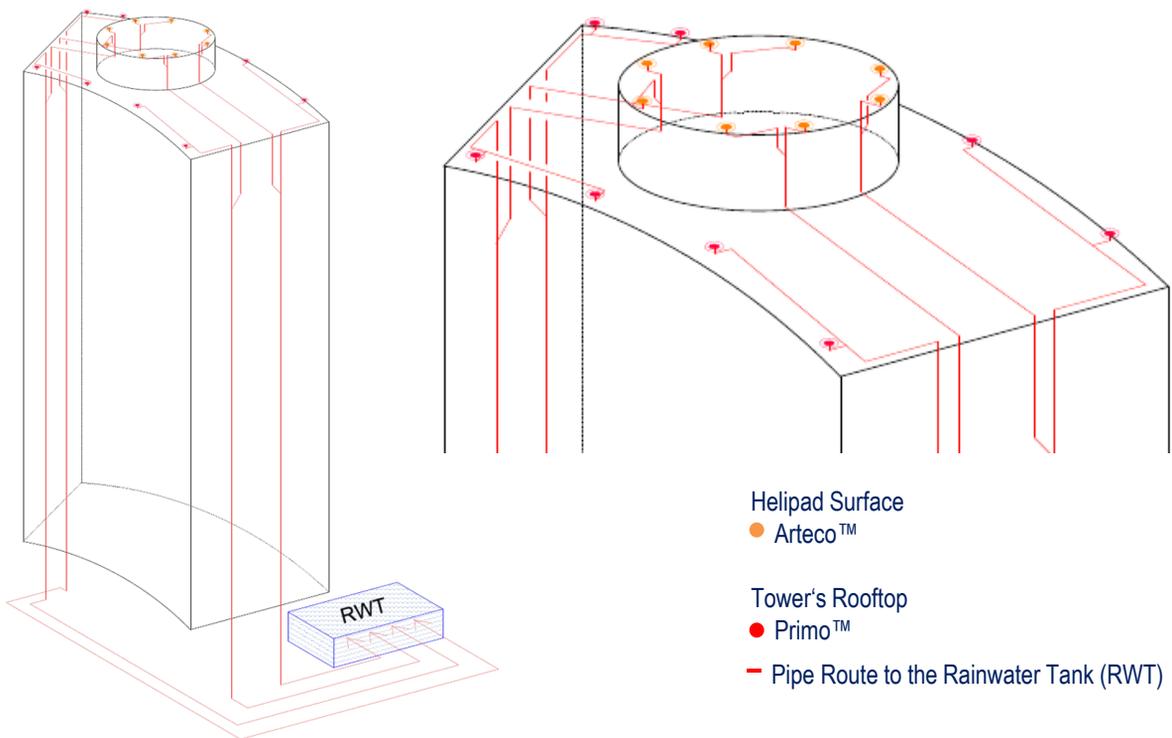


ALFA Corporate Headquarters rises impressively on Alam Sutera, Tangerang. The project is designed by PT Prada Tata International (PTI); an experienced architect firm in Indonesian commercial and mixed-use development design in collaboration with Indonesian developer PT Alfa Goldland Realty. The project was secured by Fast Flow's Licensed Distributor in Indonesia, PT Siphonic Flow Mandiri (SFM) on the 7th month after their first meeting with PTI Architects.

PT Pembangunan Perumahan (PP) which has performed several infrastructures project and handled seven airports construction in Indonesia has now been engaged as a main contractor to this project. SFM has developed good relationship with PP as the company worked closely with PP to complete two of Fast Flow's projects in Jakarta, namely the Jakarta Automated Air Traffic Services (JATTS) and Gran Rubina Business Park in 2013-2014.

The design of the building is fairly complicated since it involves a lot of small catchment area on the upper roof and lower podium areas. Therefore, installing a conventional system would not be the best solution as it would involve a lot of large diameter pipes running through the building. The SFM team then introduced Fast Flow's siphonic system to the owner as the rainwater drainage solution to the building. Fast Flow's siphonic system uses less numbers and smaller diameter pipes than the conventional system to convey the rainwater from the rooftop to the rainwater tank and the civil drainage. It also reduces roof outlets and the number of downpipes going through the building.

The project utilizes Primo™ to drain the tower's rooftop (1,627sqm) and Arteco™ rainwater outlets to drain the helipad surface (531sqm) and the podium's rooftop garden (3,857sqm). The construction of this 35-storey building (158 meters high) started in August 2015 and is targeted for completion by end of June 2016.



Did You Know?

On the 8th May 2015, PTI Architects was honoured by the recognition of ALFA Corporate Headquarters at the recent Asia Pacific Property Awards held in Kuala Lumpur. The project was awarded the Five Star Best Commercial High-Rise Architecture in Indonesia.

The International Property Awards are open to residential and commercial property professionals from around the globe. They celebrate the highest levels of achievement by companies operating in all sectors of the property and real estate industry. An International Property Award is a world-renowned mark of excellence.

Source: <http://propertyawards.net/asia-pacific-2015/>

Residensi 22 at Mont Kiara



Residensi 22 is a high-end residential project located in Mont Kiara, Malaysia. This 40 storey project is being developed by UEM Sunrise and is expected to be completed in October 2017.

The project requires a carefully tailored solution for its rainwater management system. This high-rise development is designed as a staggered block plan, essentially made up of two sets of conjoined towers and podium with elevated car park underneath. The towers feature two sky-gardens at each rooftop which allows for open-air gatherings such as small parties and dinner functions. These sky-gardens are located directly on top of the main units.

Fast Flow's design eliminates high level pipe routing from running above the units by allocating drainage channels that allow Fast Flow's siphonic outlets to be located outside of the unit's space. A few series of detailed calculations working sessions were done together with UIG Architect and also the landscape architect due to the limited ceiling space. And by using its supreme **FastFlowCALC**© software*, Fast Flow delivers the best solution to suit the technical requirements.

*FastFlowCALC© is Fast Flow's in-house proprietary design software that is proven to ensure balanced and high performance solutions with safe level of protection life in every project including some of the most distinctive roof and structures in the world. All Fast Flow solutions are designed based on well established hydraulic principles using FastFlowCALC© software (certified by TUV SUD PSB Corporation).

Fast Flow Group Q3/2015 Project Highlights

Malaysia

Recently Secured Projects



Project name: Lakeville Residence
Catchment area: 26,000 sqm



Project name: Putrajaya 2C5
Catchment area: 9,908 sqm



Project name: MyTOWN Shopping Centre
Catchment area: 33,950 sqm

Thailand

Newly Completed Projects



Project name: Central Westgate
Catchment area: 72,779 sqm



Project name: EGAT (Electricity Generating Authority of Thailand)
Catchment area: 4,990 sqm



Project name: Kawasaki
Catchment area: 4,900 sqm



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