Siamese Surawong

Inside this issue…

Fast Flow is currently working on a high end residential project in Thailand. The project, Siamese Surawong was brought in by one of Fast Flow's clients, Siamese Asset. Fast Flow started work with Siamese Asset in 2010 and has completed a number of projects including Siamese Georgia and Siamese 39.

Located in an historic area in downtown Bangkok, this high density 20 storey condominium is configured with many types of individual living units. Its planning has been allied to reflect itself in the asymmetrical form of the final building shape rather than force the units into a preconceived building form.

Fast Flow's systems offer time and cost saving due to their value engineering solutions. The systems' flexible design caters for construction constraint such as casting the pipe at balcony and also landscaping issues. In this project, Fast Flow applies both of its systems (Pressurised System and Siphonic System) and utilises 15 Primo™ rainwater outlets and 248 psVent™ to drain the roof top and the balconies covering a total area of 2,749sqm. Fast Flow's rainwater outlets deliver a high efficient inflow capacity which results in a very low water level around the outlet when operating at full design.

A Green Awakening in Indonesia

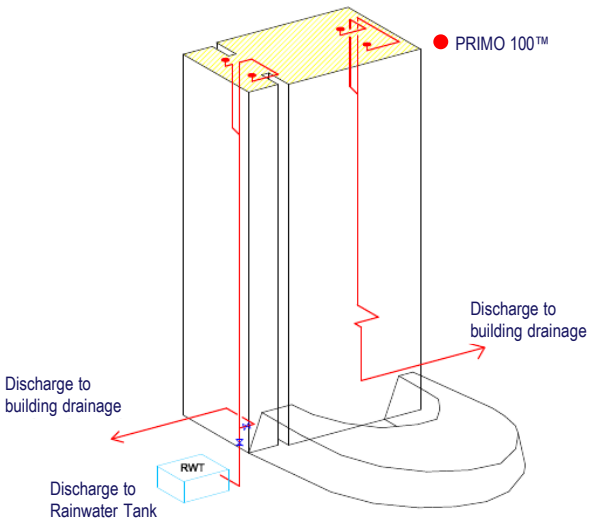
Indonesia's capital has mandated that buildings must be more energy efficient, while market demand for green projects throughout the country is picking up *(Governor Regulation of DKI Jakarta Number 38 of 2012 on Green Building)*.

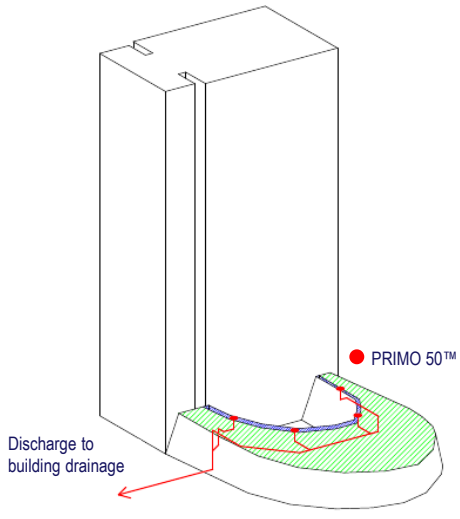
Sima office tower @ Sima Izzar Mix-used Development is a 31 storey office building that is well equipped with a rainwater tank. The project was recently secured by Fast Flow's Licensed Distributor in Indonesia, Siphonic Flow Mandiri (SFM) in January 2015 and it is currently applying for the Greenship certification from Green Building Council Indonesia (GBCI) .

Sima Office Tower project is the second project collaboration between Shimizu Corporation and Fast Flow in Indonesia. The first project in Jakarta, Setiabudi Residence was completed in 2005. Fast Flow has worked together with Shimizu Corporation and completed more than 20 projects in Asia. Their three latest projects in Singapore are Tembusu Condominium, Yishun Community Hospital and Mapletree Business City II.

Fast Flow Siphonic System

Fast Flow Siphonic System utilizes 4 rainwater outlets (PRIMO 100™) and 2 rainwater downpipes (psPipe™) to drain a total roof area of 2,276.7 sqm. The rainwater is then partially discharged to the building drainage and rainwater tank (RWT). As for the garden area, the system utilizes 4 rainwater outlets (PRIMO 50™) to drain an area of 648.40 sqm.





Green Airport

Project Name:
Blimbingsari Airport

Location:
Banyuwangi, Central Java

Main Contractor:
Media Gemilang CV, Surabaya

Architect:
Andramatin, Jakarta

Total Roof Drained by Fast Flow System:
4,765 sqm

Blimbingsari airport becomes a green airport

With the help of its licensed distributor (Siphonic Flow Mandiri), Fast Flow recently secured a green airport project in Banyuwangi, Indonesia. This eco-friendly development is built to anticipate a visitor boom as the growth of passengers at Blimbingsari Airport has shown promising developments. In 2011 the total number of passengers reached 7,000 people. In 2012, the number of passengers significantly increased to 24,000, while next year it is expected to reach over 44,000 passengers *(http://www.indonesia.travel/)*.

Blimbingsari airport development does not utilize air conditioning in the main area as the green roofs act like a sponge for heat, light and water and they conserve energy by maintaining a constant temperature inside the building. The airport makes use of its green roof to capture airborne pollutants and atmospheric deposition. The plants on green roofs can also filter noxious gases.

This eco-friendly terminal construction, which is planned to be completed by mid of 2015 utilizes Fast Flow Primo™ series (Primo 50™ and Primo 75™) to drain a total roof area of 4,765 sqm. Fast Flow's system meets the requirements criteria for the green building assessment as it uses much smaller LEAD-FREE pipes (psPipe™) than conventional drainage and generally smaller than other similar systems in the market place. The reduction in raw materials means less embodied energy in the project, reducing the total carbon foot print in the construction of the building.

Fast Flow Group Q1/2015 Project Highlights

Singapore

Recently Completed Projects

Project title: Genting Hotel Jurong
Roof area: 1,763.80 sqm

Project title: Nanyang Polytechnic
Roof area: 13,500 sqm

Malaysia

Newly Secured Project

Project title: Raffles American School
Roof area: 28,900 sqm

Indonesia

Newly Secured Projects

Project title: Sima Office Tower @ Sima Izzar Mix Use Development
Roof area: 2,276.7 sqm

Project title: UNS University Hospital
Roof area: 5,140 sqm

Fast Flow (Thailand) Co. Ltd
Nutri Building, 3rd Floor,
46 Soi Pattanakarn, 20
Suan Luang Bangkok
Thailand 10250
T: +66 2 369 3240-4
F: +66 2 369 3245

Fast Flow Malaysia Sdn Bhd
No. 39, Jalan Pendidik U1/31,
Hicom Glenmarie Industrial Park Phase 1B,
Seksyen U1,40150 Shah Alam, Selangor Darul
Ehsan
Kuala Lumpur
T: +60 3 5569 1807/ 1821
F: +60 3 5569 1707

Fast Flow Singapore Pte Ltd
No 1 Fifth Avenue, #04-04 Guthrie House
Singapore 268802
T: +65 65004650
F: +65 6500 4665

Above information does not include the addresses of our licensed distributors, please contact us at communications@fastflowgroup.com for further information regarding our distributors in China, Indonesia, Taiwan and Turkey.