

Press Release

Mass Concrete Pour Completed for Casting Raft Foundation of Singapore's Tallest Building

- ***A truckload of concrete delivered every two minutes non-stop for 35 hours***
- ***First project in Singapore to use Grade 105 Super High-Strength Concrete***

SINGAPORE, 12 March 2025 — Pan-United Corporation (“Pan-United” or “泛联集团”) is pleased to share that our subsidiary, Pan-United Concrete, has successfully concluded a mass pour of 10,250 cubic metres (m³) of concrete for casting the 5-metre (m) or 16-feet (ft) thick raft foundation of The Skywaters at 8 Shenton Way in January 2025. The 63-storey mixed-use development towers 305m (1,001 ft) high and sits on a site spanning 10,984 square metres (sqm) or 118,229 square feet (sq ft). Upon completion in 2028, The Skywaters will be Singapore’s tallest building.

Collaborating closely with the project’s main contractor China Harbour Engineering Company Ltd (Singapore Branch) (“China Harbour Engineering Company”), the mass pour was executed non-stop for 35 hours with one truckload of concrete delivered to the site every two minutes.

The smooth delivery was made possible by our technology arm, AiR Digital. Leveraging its AI-enabled optimisation solution, the AiR Digital system effectively managed the complex logistics of the mass pour. For instance, its fleet optimisation and auto-replenishment of raw materials ensured that trucks shuttled between the plant and project site with zero disruptions. In addition, the mixer trucks could queue seamlessly to deliver concrete without delays.

The Skywaters is Singapore’s first project to use the highly durable Grade 105 PanU Super High-Strength® Concrete, which reduces the amount of concrete and reinforcements required for the raft foundation. To reduce the embodied emissions of the project, The Skywaters is also being built with PanU CMC+, which permanently traps industrial waste carbon dioxide (CO₂) in the concrete, effectively making the building a carbon sink. Additionally, PanU Cool™ concrete was utilised for its industry-leading temperature control and very high flowability.

Mr Lim Han Kwong (林航宽), Chief Operating Officer of China Harbour Engineering Company Ltd (Singapore Branch), said: “The mass pour would not have been possible without the strong leadership from China Harbour Engineering Company and the seamless collaboration among all stakeholders, including the unwavering support from the entire Pan-United team. This project showcased Pan-United’s exceptional coordination skills and their commitment to delivering on their promises.”

Mr Ken Loh (羅嘉遜), Chief Executive Officer of Pan-United, said: “We take great pride in our involvement in this landmark project and are grateful for the confidence and trust that China



Harbour Engineering Company has in Pan-United. The successful completion of the casting was very much a combined effort between China Harbour Engineering Company and Pan-United. Our teams collaborated closely to carefully plan and execute the pour round-the-clock. We are glad that Pan-United's years of concrete innovation and use of advanced technology have proven useful in meeting the challenge of setting new records in landmark projects."

The Skywaters, positioned at the intersection of the Central Business District, Marina Bay and the future Greater Southern Waterfront, is being developed by a consortium led by Perennial Holdings. The development features luxury residential units, retail space, offices and a hotel. It is designed by Skidmore, Owings & Merrill, whose portfolio includes the Burj Khalifa in Dubai, One World Trade Center in New York and Jin Mao Tower in Shanghai.

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ABOUT PAN-UNITED CORPORATION

panunited.com.sg

Singapore-listed Pan-United Corporation (SGX:P52) is a global leader in low-carbon concrete technologies catalysing change in the concrete space. It is one of the world's top three biggest producers of carbon mineralised ready-mix concrete which leverages carbon capture & utilisation (CCU) technology to sequester industrial waste CO₂ within concrete.

Focused on concrete innovation and digital transformation, Pan-United firmly believes in concrete as an engineered product that can play a significant role in decarbonising the environment, so as to ensure a safer world for future generations. Its world-class inhouse R&D capabilities have produced an extensive range of over 300 concrete solutions, more than half of which are low-carbon concrete. AiR Digital, its in-house AI solution, optimises industrial supply chain operations.

Pan-United has pledged to offer only low-carbon concrete by 2030, offer carbon-neutral concrete by 2040, and to become a carbon-neutral company by 2050.

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