

PRESSMEDELANDE

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Thomas Concrete Group contributes to the development of Gothenburg city

Gothenburg will grow by almost one third to 2035. There is a need for space for 150,000 new residents and 80,000 new homes and workplaces. Part of the plan is the Karlastaden, a district where Gothenburg's new landmark, Karlatornet is being built. Thomas Concrete Group is involved in developing and delivering ready-mixed concrete.

The construction work around the construction of Karlatornet, Gothenburg's first skyscraper, began as early as 2017. Thomas Concrete Group and its subsidiary in Sweden, Thomas Betong, have been involved in the work of developing the right concrete products and logistics solutions for this complicated project.

The construction of Karlatornet, which is to be 245 m high, begins already 70 m below the ground. The Research and Development department of Thomas Concrete Group and Thomas Betong have jointly developed tailor-made products with high demands on workability and 10-12 hours opening hours to cope with the casting of the 58, 70 m deep piles that Karlatornet will rest on. The casting of the piles was finalized in December 2018.

At the end of May, the 3.8-meter-thick foundation was casted and Thomas Betong delivered 3900 cubic meters of custom-made concrete products for 23 hours non-stop. The products were created based on high demands on compressive strength, workability and low heat development. Thanks to Thomas Betong's experience with concrete with lower CO₂ footprint, the emission of 428 tons of carbon dioxide could be prevented. The delivery not only required special products, but also advanced logistics solutions with concrete trucks and pump vehicles and just over 100 technical tests.

"We know concrete and have worked with concrete for over 60 years. With our technical resources in Gothenburg but also in the US, we have a lot of knowledge and expertise for this kind of technically complex project. It feels really good that we can utilize our experience and contribute to the development of the future Gothenburg"- says Hans Karlander, President and CEO of Thomas Concrete Group.

Facts: Casting of Karlatornet's foundation

150 employees from Team Thomas were involved

23 hours of constant casting

3 plants produced 3900 m³ of concrete

38 concrete trucks were used non-stop

650 concrete deliveries

10 pump operators

5 concrete pumps

9 technicians run 127 technical tests

For more information please contact:

Hans Karlander, CEO and President Thomas Concrete Group AB
hans.karlander@thomasconcretegroup.com | Telefon: +46 10 450 50 00

Thomas Concrete Group AB:

Thomas Concrete Group is a Swedish family-owned company which produces and distributes high-quality concrete for cast in place construction. The company was established 1955 in Karlstad, Sweden, by Martin Thomas and currently operates in the USA, Poland, Germany, Norway and Sweden. Headquarters are in Gothenburg, Sweden. The Group has 2,100 employees, and in 2018 produced 5.3 million m³ of concrete with sales totaling approximately SEK 6.6 billion.

www.thomasconcretegroup.com

Om Thomas Betong AB:

*Thomas Betong is a Swedish family-owned company with more than 60 years' experience in production of ready-mixed and pre-casted concrete for both residential and civil constructions. Ready-mixed concrete is produced in 36 plants and pre-casted concrete comes from three plants. Thomas Betong offers also a wide range of services within technical advisory, transport and pumping. Number of employees: 380, revenue: SEK 1,75 billion (2018). Thomas Betong is part of the Swedish family-owned company Thomas Concrete Group with operations in Sweden, Norway, USA, Germany and Poland. **www.thomasbetong.se***