



PEIKKO INSIDE®



# REACH HIGHER WITH PEIKKO'S SOLUTIONS

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CTBUH/CVU HELSINKI, 3<sup>RD</sup> FEBRUARY 2026

# 1. Karlatornet, Sweden



The new district of Karlastaden, which comprises eight blocks. In total, there will be 2,000 new apartments as well as shops, cafes, offices, a school, and a health center.

With 245-meters of height, 73 floors, the tower will be both Gothenburg's first skyscraper and Scandinavia's tallest building. Karlatornet will consist of a total of 611 apartments.

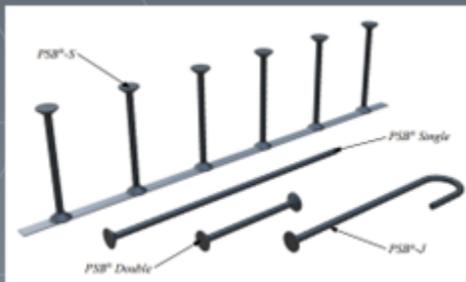
A restaurant and skybar on the 69th floor will provide a magnificent view of the city and its surroundings.



# Foundations matter

PEIKKO INSIDE®

- Huge base plate 33x33 meters and 4 meters thick.
- 57 piles, 65 meters deep.
- Peikko's custom made PSB® punching reinforcements used in the plate, 3.7-meter-long pieces, diameter 32.
- 107.000 Kilos of PSB® in total.
- Not only in base plate, also through all the floors, with over 10.000 studs supplied. WELDA® was also supplied.



Very long PSB®

## 2. SKYPARK tower, Slovakia



Located in the heart of Bratislava, SKY PARK “Tower is being created with the ambition of becoming a **residential project** that will remain unsurpassed in Bratislava for many years to come.”

It is a combination of progressive architecture, modern technologies and thoughtful innovations in the construction process.



Skyparktower.sk



## PEIKKO INSIDE®

Facade anchoring by using

- COPRA® Anchoring Couplers
- THRELDA® Anchor Plates



### 3. EDGE East Side, Berlin, Germany



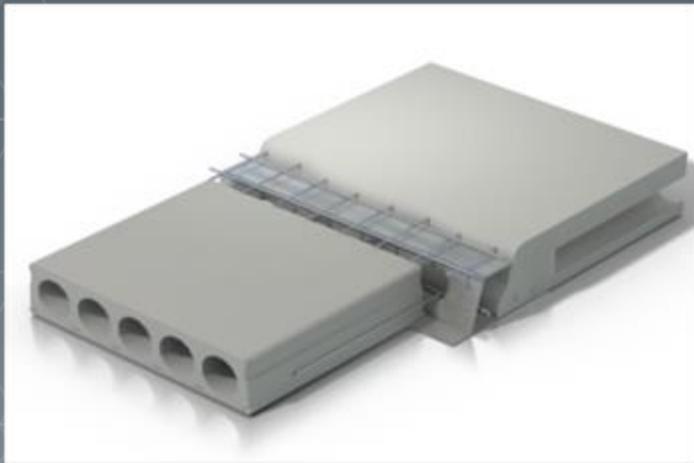
The EDGE East Side building is located near the Warschauer Straße U-Bahn station.

The 140-meter-high building has a gross floor area of 80,000 m<sup>2</sup> and 65,000 m<sup>2</sup> of office space, 37 floors in total.



## PEIKKO INSIDE®

- DELTABEAM® (all levels)
- Anchor bolts
- Column shoes
- PCs® Corbels
- MODIX® rebar couplers





No protruding beams = No HVAC problems



TALLEST  
DELTABEAM®  
STRUCTURE  
IN EUROPE



## 4. Sickla Central, Sweden



The new station building in Sickla, a modern and architectural building with 25 floors.

A station house with state-of-the-art offices, below ground level, a parking garage with over 2500 spaces with charging stations for electric cars and parking for bicycles.

The new metro entrance will be from the ground floor. This floor will also house a shop, café and restaurant. In total an area of 16.500 m<sup>2</sup>.



## PEIKKO INSIDE®

- DELTABEAM®
- PCs® Corbels
- ATLANT® columns



# High rise challenges

- Limited space and complex coordination needed.
- Building on top of a new Metro Station.
- No space for storage on this site.
- Project had 2 frame contractors: UPB, Prefabsystem



## 5. 300 Main, Winnipeg, Canada



300 Main is a mixed-use 42-storey project in Winnipeg.

The project consists of office and retail space in the lower levels and residential above the commercial space.



# More floors with DELTABEAM®

PEIKKO INSIDE®

- Slim floors = lighter frame.
- Lighter frame = smaller foundations or reusing existing ones.
- Two options: less height, same floors OR keep original height, more floors.
- The developer was able to increase the number of floors when replacing steel beams with **DELTABEAM®**





## 6. Queen's Wharf, Australia



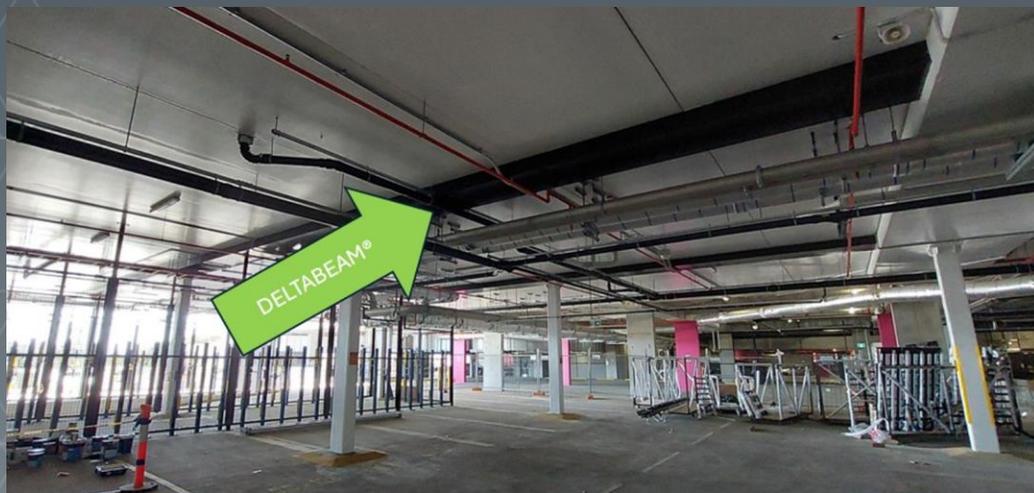
A megaproject that is one of Australia's biggest mixed-use projects. In total this development will have 2000 apartments, 1100 hotel rooms and a casino.

Four high rise building make up the complex, **Peikko** supplies solutions for 3 of these buildings.



## PEIKKO INSIDE®

- ADJUSTA® Joint Reinforcement
- > 200 DELTABEAM®s for the basement levels





**peikko**®

**HOW COULD WE HELP  
YOU IN YOUR NEXT  
PROJECT?**