

432 PARK AVENUE PROJECT REPORT



When completed in 2015, 432 Park Avenue will be the tallest high-rise condominium building in North America rising to nearly 1300 feet in height. The \$1B project is designed by Rafael Vinoly Architects in NYC with the assistant architectural firm, SLCE Architects of New York. The top penthouse units in the building are on the market for \$100M, making it the most expensive condo in New York City. HALFEN USA

worked very closely with the architects, the structural engineers, and with the construction manager to develop the stainless steel window washing track using HALFEN HZA 5334 Toothed Anchor Channels—modified specially to eliminate the channel teeth for this project. The HZA Anchor Channels were installed at the column locations beginning on floor eighteen and proceeding upwards to the top of the

building. There are over 18,000 linear feet of the aforementioned track. Moreover, HALFEN USA Inc. worked with Enclos Corporation, the specialist curtain wall subcontractor, to provide HALFEN HTA 5234 Anchor Channels 12" and 24" lengths for the window anchoring throughout the building. Before the windows were installed, these anchors were used to secure the safety netting to the concrete.

- **Architect**
Rafael Vinoly Architects/SLCE Architects
- **Engineer**
WSP Cantor Seinuk Engineering
- **General Contractor**
Lend Lease Corporation
- **Specialist Subcontractor**
Enclos Corporation
- **Owner**
Joint Venture with CIM Developers/Macklowe Group
- **Delivery Time**
2014

HALFEN provided the anchoring solution for the window washing track system utilizing a modified HZA 5334 Toothed Anchor Channel without the teeth.

HALFEN supported the design team by offering technical engineering services, which are always available to HALFEN customers.



Modified HALFEN HZA 5334 Anchor Channels were delivered along with HTA 5234 Anchor Channels



HALFEN HZA 5334 Toothed Anchor Channel

HALFEN Anchor Channels:

- Adjustable connection - allows for construction tolerances
- High load capacities
- Extremely short installation time
- No noise, no dust, no hand-tool vibrations



HALFEN HTA 5234 Anchor Channel



HALFEN

YOUR BEST CONNECTIONS

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