COX GOMYL
PART OF ALIMAK GROUP

Case Study
Z6 Beijing, China



Beijing CBD Z6: Advancing Façade Access with an Innovative BMU and Monorail Solutions

Facts & Figures

Commencement	April 2024
Completion	August 2026
Building Height	160 m
No. of BMUs	2
BMU Type	5000 series
Outreach	8.3 m
Building Type	Grade-A Office Tower



Providing Façade Access for a Landmark Beijing CBD Office Tower

Located in the heart of Beijing's Central Business District, the Beijing CBD Z6 Project is a landmark Grade-A office tower that reflects the city's continued growth as a global business hub. Developed by Sino-Ocean Group and designed by Foster + Partners, the tower features a distinctive architectural profile with six sky atriums, expansive outdoor terraces, and a complex façade geometry. These design elements contribute to the building's visual identity while creating unique challenges for long-term façade inspection and maintenance.

Façade Access Solutions China, delivered a comprehensive facade access solution that supports both external and internal maintenance requirements, helping provide safe and efficient access across all areas of the building. The system combines advanced CoxGomyl Building Maintenance Units (BMUs), extensive roof track infrastructure, and monorail access systems to provide complete coverage throughout the structure. Designed with operational efficiency and lifecycle performance in mind, the solution enables maintenance teams to access even the most complex areas of the building while supporting safe operations for years to come.

Integrated BMU & Monorail Systems for Complete Façade Coverage

The façade access solution was designed to provide complete coverage for both the external façade and the building's internal atrium spaces. To achieve this, FAS China supplied two CoxGomyl BMUs equipped with specialized SAM cradles, more than 1,500 meters of monorail systems, and two hydraulic lifting platforms.

Together, these systems create a reliable maintenance infrastructure that supports safe access to every critical area of the building. The integrated design allows maintenance teams to perform inspections, cleaning, and repair work efficiently while helping preserve the building's appearance and performance throughout its lifecycle.

CoxGomyl Copyright 2026

For more information, contact us:
https://www.coxgomyl.com/contact/enquire-now/

COX GOMYL
PART OF ALIMAK GROUP

Case Study
Z6 Beijing, China



Beijing CBD Z6: Advancing Façade Access with an Innovative BMU and Monorail Solution

Facts & Figures

Commencement	April 2024
Completion	August 2026
Building Height	160 m
No. of BMUs	2
BMU Type	5000 series
Outreach	8.3 m
Building Type	Grade-A Office Tower



Navigating Complex Installation Constraints on a High-Rise Development

One of the most significant challenges emerged during installation. Extended transportation lead times during the European year-end holiday period delayed BMU delivery by more than one month. As a result, the project team lost the opportunity to use the site's primary tower crane, leaving only a crane with substantially lower lifting capacity available for installation activities.

To overcome this obstacle, the team developed detailed installation plans, revised lifting methodologies, and coordinated closely with the general contractor and other project stakeholders. Through careful planning and strong collaboration, the equipment was installed safely and efficiently despite the unexpected logistical constraints.

Why CoxGomyl Was Selected for the Beijing CBD Z6 Project

Several factors contributed to CoxGomyl being selected for this prestigious development. CoxGomyl had already established a strong presence within Beijing's CBD through the successful delivery of façade access solutions for landmark projects including China World Trade Center Tower 3A, China World Trade Center Tower 3B, and Z15 Tower.

The project also required a specialized SAM cradle solution. Leveraging proven experience from similar installations, CoxGomyl demonstrated the technical expertise needed to deliver a reliable and practical system. The client also valued the company's established after-sales service capability within Beijing's CBD, which provided confidence that responsive maintenance support would be available throughout the building's operational life. Combined with proven project references, strong local support, technical capability, and commercial competitiveness, these strengths helped secure the project.

CoxGomyl Copyright 2026

For more information, contact us:
https://www.coxgomyl.com/contact/enquire-now/