

NEW CITY

New City is a high-profile mixed use facility including apartments, retail parking and office space. It is located just north of downtown Chicago.



PROJECT

New City

Project Owner:
Pond, Robinson and Associates

Design Engineer:
OKW Architects

Approved Applicator:
Sager Sealants

General Contractor:
Power Construction

LOCATION

Chicago, IL, USA

PRODUCTS

VOLTEX®

HydroShield™

CHALLENGE:

This 13,600m² project required VOLTEX® on the walls and underslab due to high hydrostatic conditions. Since the basement was 4.8 metres into the water table, the waterproofing system needed to be designed to eliminate water ingress on the multiple buildings of the project.

Due to project funding delays, the original design was released in 2007 yet did not start until 2014. Upon release of the funding, waterproofing became an increasing concern due to price of the overall system. In a highly competitive environment, CETCO's HydroShield™ Quality Assurance Program was the difference. CETCO's VOLTEX® was chosen for this project backed by the industry leading HydroShield™ Quality Assurance Program and no financial limit warranty.

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SOLUTION:

CETCO's technical support with OKW Architects and the construction team throughout the project's life cycle is what enabled CETCO to secure the project through the Approved Applicator.

The value from the HydroShield™ Quality Assurance Program separated CETCO from competition that focused on price. The confidence in CETCO was shown by OKW Architects as VOLTEX® was the basis of design in the specification.

EXECUTION:

Winter in Chicago can be extremely challenging for building construction. In January 2014, with one of the worst winters in Chicago history bearing down on the area, the project began. The installation of VOLTEX® provided the construction team the ability to install waterproofing with limited temperature restrictions compared to other waterproofing technologies.

The General Contractor, Power Construction, was in contact with CETCO on a daily basis during the installation with heavy onsite presence through the Certified Independent Inspector and support from the Technical Sales Manager.

RESULT:

CETCO provided the confidence and capabilities needed by the construction team through HydroShield Quality Assurance Program. In addition, the architect has continued to utilize CETCO as the basis of design for waterproofing specifications due to their experience on the largest VOLTEX® installation in the Chicagoland area.