

Guardian Solutions

Case Study Using Guardian SunGuard Advanced Architectural Glass

March 2014



Photo credit: Photo Kevin Dickert

WMS BOATHOUSE

**CLARK PARK
CHICAGO, ILLINOIS**

The Glass

Guardian SunGuard
SNX 62/27

Architect

Studio Gang Architects,
Chicago, Illinois

Guardian Select Fabricator

Trulite Glass &
Aluminum Solutions,
New Berlin, Wisconsin

Glazier

CAD Contract Glazing,
Wheeling, Illinois

Metal Supplier

Tubelite

General Contractor

Schaeffges Brothers, Inc.

On the river's edge in Chicago's Clark Park, lies the WMS Boathouse, a two-story 20,000-square-foot rowing training and boat storage facility that is home to the Chicago Rowing Foundation and North Park University's women's rowing team.

Jeanne Gang's dynamic design of the boathouse mirrors the motion of crewmembers rowing. The boathouse is a year-round training facility that includes a row tank and ergometer work out space, a community room and offices. The roof's design features an alternating roof truss system with windows that capture the southern light into the building, provide sufficient ventilation and abundant daylight, while the high performance glazing warms the floor slab in the winter to minimize energy use. The project is targeting LEED Silver Certification.

Guardian SunGuard SNX 62/27 was selected to deliver energy savings and abundant daylight. The glass has 62% visible light transmission, a low 0.27 solar heat gain coefficient and an impressive light-to-solar gain ratio of 2.30.

The glass has three microscopically thin silver layers in the coating to block solar heat gain, allowing specifiers to achieve maximum energy efficiency while retaining high visible light transmission. The product also features a neutral exterior appearance, so that buildings still reap the performance benefit without a dark or overly reflective look. SNX 62/27 can help projects qualify for LEED points.

BUILD WITH LIGHT



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ADVANCED ARCHITECTURAL GLASS

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