

PROJECT HIGHLIGHT

CASE STUDY



MODERN FACADE TO REPLACE AN AGING GRANDSTAND

The City of Edmonton wanted to energize new life in an aging grandstand within a suburban park which is both modern and inspiring into a cohesive open landscape.

The design uses the sloped seating of the bleachers as the inspiration for the building form and experience. The structure's shape resembles an open, engaged body posture. The building itself appears to be leaning in, to watch the events on the sports field below.

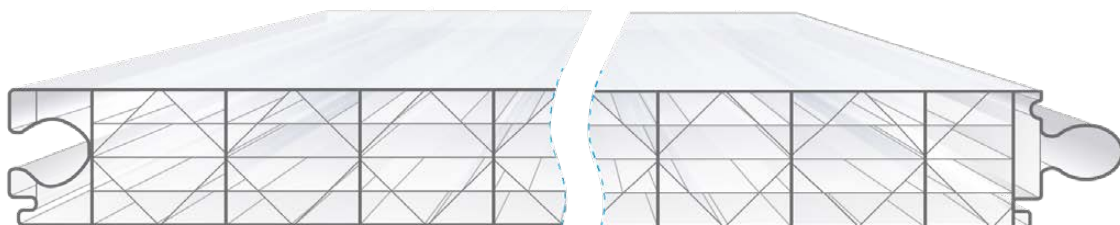
PRODUCT SOLUTION:

Durable, lightweight, and impact resistant, **LEXAN™ THERMOCLICK™ LTC404x4000** polycarbonate sheets were an ideal façade choice with the elimination of the framing to create a unique modern look to the building.

The most obvious advantage in an application like Jasper Place Bowl is the sheet's resistance to damage from balls or other projectiles.

PRODUCT FEATURES:

- High light transmission
- Light weight for easy installation
- High impact resistant from balls or other projectiles
- Easy installation via click system
- Fire retardant
- Energy & heat saving
- Easy to clean



“The deep glazing pockets (rabbets) allow for the thermal expansion and contraction of the polycarbonate sheets while providing proper engagement of the glazing in very cold temperatures. The design of the framing ensures proper gasket pressure against the glazing.”

Alan Lohr
Senior Project Engineer
EXTECH/Exterior Technologies, Inc.

RESULTS

SABIC's LEXAN™ THERMOCLICK™ sheet cladding in opal white color on the angled wall elements were selected to provide a seamless look, as well as natural daylighting, protection and comfort from the elements during the hot summer and cold winter months.

The engineered profile system from **EXTECH Technologies** provided a modern look that complements the existing contemporary design.

In addition to being light in weight for easy installation and replacement, the sheet's specially designed tongue and groove connection eliminated the need for vertical framing members, providing a modern look that complements the contemporary stadium design.

Information about LEXAN™ THERMOCLICK™ 40mm polycarbonate sheets can be downloaded via this [link](#).



MORE INFORMATION:

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