

# SPRINT ARENA, MISSOURI, USA



OVERGAARD LTD  
Complete Facade Systems

# Sprint Arena, Kansas City, Missouri, USA

Design Architect:  
Contractor:  
Subcontractor:  
Facade Designer  
& Manufacturer:

Downtown Arena Design Team.  
M.A. Mortenson Company.  
Architectural Wall Systems, Co.  
Overgaard Ltd.



## DESCRIPTION

Overgaard custom designed, detailed and supplied the complete exterior glass façade system, including all metal panels and accessories for the adjacent buildings. Over 13,000m<sup>2</sup> of insulated glass and 200 tonnes of profiles, resulting in 2,404 individual glass curtain wall units for the bowl shaped arena were pre-assembled and shipped sequentially from Asia to USA.

## KEY ATTRIBUTES

- 2,204 unitised IGU panels totalling 13,000 m<sup>2</sup>.
- 1500 mm x 3700 mm curtain wall units weighing 320 kg each.
- Over 126 different sizes of unitised curtain wall panels.
- Custom frit patterns and coloured amber PVB.
- Trapezoidal glass lites to fit the geometric cylindrical design.
- Successfully tested at Construction Research Laboratories for structural and performance integrity.
- Installation duration approximately six months.
- Date of Completion: Oct 2007.

