

project brief

TYPE OF FACILITY:

Stadium



Beijing Olympics' National Stadium

■ Beijing, China

The Bird's Nest, home of the opening and closing ceremonies of the 29th Summer Olympic Games in Beijing, China is an advanced and world-class stadium, symbolizing a new page in China's construction history. Officially named National Stadium, the 100,000 seat stadium posed significant challenges to designers and contractors because of the structure's unique design. The stadium's one-of-a-kind architecture has coined its nickname The Bird's Nest.

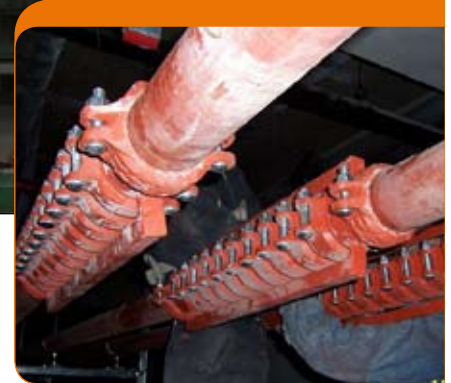
Beijing Olympic Committee members and contractors specified Victaulic mechanical pipe joining systems for the stadium's HVAC system because of its ease of installation and alignment. Victaulic is also playing a vital role in protecting the stadium's piping system from seismic activity, wind and other earth movements, all of which are common in China. By using Victaulic systems, construction schedules were compressed to fit a tight timeline. Victaulic Construction Piping Services (CPS) also helped to manage and control the project effectively to ensure the installation was completed in a safe, timely and environmentally-friendly manner to match the green theme of the 2008 Beijing Olympic Games.

SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Air Condition Water	Carbon Steel	18"/480 mm
Heating Water	Carbon Steel	1½" – 6"/48 – 168,3 mm

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MARKET:

HVAC

VICTAULIC SOLUTIONS:

- Installation time reduced by 50% versus welded systems
- Accommodation for seismic activity

OWNER:

Beijing Olympic Committee

CONTRACTOR:

Beijing Urban Construction Groups Co., Ltd.

ENGINEER/CONSULTANT:

China Architecture Design & Research Group

COMPLETED DATE:

2007



WCAS-724Q9B

