

# TRIODETTIC\*

FIRST IN THE WORLD - A THREE-STORY HIGH TRULY ORGANIC FORM REPLICATING A BRONZE-COLORED CATERPILLAR IS NOW THE FOCAL POINT OF THE STRONG MUSEUM IN DOWNTOWN ROCHESTER, NY.



TRIODETTIC'S breathtaking and innovative design, celebrates the opening of the Strong Museum

**Ottawa, Ontario / Rochester, New York – July 18<sup>th</sup>, 2006** With the opening of the Strong Museum, Triodetic marks a milestone in the history books as the only structure of its kind in the world.

The undulating 200-foot long caterpillar-like structure—the first space frame in the world with this organic shape - “capped” by a 70-foot high curved irregular glass wall, now faces Chestnut Street in downtown Rochester, NY.

The structure is composed of 1,100 anodized aluminum roof panels and 4,500 galvanized steel tube roof members—all hand-made, every tube and panel are unique. All materials used incorporate between 60 and 90% of recycled materials.

The exposed aluminum skeleton frame on the roof's underside is as breathtaking a design element as the bronze-colored outer surface. The soaring ceiling encircles a sweeping, central staircase that will lead museum guests up to the expanded *National Toy Hall of Fame*® and other second-floor exhibits.

"We are truly honored and pleased with the results. The project being one of the more complex challenges the world-renowned company has tackled and the only structure of its kind in the world." Said William Vangool, President of Triodetic Building Products Ltd. "Our team used the most advanced design methods to minimize the mass of materials required and to provide the structural capacity for wind pressure and the substantial snow loads for the location. All of this while providing a space where visitors' can use their imagination and enjoy the uniqueness of the structure."

**Caterpillar Statistics:**

200 feet long

65 feet wide

70 feet at its highest point

1,100 anodized aluminum roof panels

4,500 galvanized steel tube roof members

60 to 90% recycled materials

**About**

Triodetic Building Products Ltd. ([www.triodetic.com](http://www.triodetic.com)) is a pioneer in innovative space frame and dome design. With over 40 years of experience, patented technology and a flawless safety record. The company's world renowned captivating and innovative projects include the JFK Library and Museum in Boston, the Las Vegas Convention Centre, the Melbourne Entertainment Centre in Australia, and Toronto's Ontario Place, among many other projects worldwide. To learn more about Triodetics' products and technology, please visit our web site or call (613) 822-2922 or email [info@triodetic.com](mailto:info@triodetic.com)