



**Commercial**

**Steeltech Building Products, Inc.**



*The completed SolarWall® system on Steeltech's warehouse*

## **Background**

Steeltech Building Products supply a wide range of steel products geared towards commercial and industrial facilities.

Plans were underway for the construction of a new Steeltech headquarters and warehouse facility in the spring of 1996 when Bill Keohane, president of Steeltech, attended the Building Product Dealers Association meeting to learn about new energy saving devices. The discovery that the all-metal SolarWall® heating and ventilation system was priced similarly to conventional metal cladding in new construction prompted him to further investigate the technology.

When he learned about the additional benefits of reduced energy costs and improved indoor air quality, he decided to incorporate the solar air heating system into his new building.

## **Solution**

A 6,800 ft<sup>2</sup> (632 m<sup>2</sup>) SolarWall system was installed on two south-facing walls. Three fans, complete with fabric ducting, were also installed to deliver 24,000 cfm of heated ventilation air to the building.

The SolarWall system, rated in the top 2% of all energy inventions by the U.S. Department of Energy, is helping the company realize significant energy savings.

*"This is a product I really believe in, it meets so many of our needs, and it makes perfect sense to use it here.... [Conserval] is taking the energy-saving product to the next level, making it a science, rather than an art, by engineering and designing a system for a specific application."*

- Bill Keohane, President of Steeltech, describing the SolarWall installation.



*One of three fans and fabric ducting that distribute the solar heated fresh air.*

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