

# SOLARWALL®

**Breck School**

**Minneapolis, Minnesota**



*SOLARWALL® panels on south facade of private school*

## **Background**

A SOLARWALL® heating and ventilation system was specified in the construction of a new gymnasium at the Breck School in Minneapolis, Minnesota. The sports and fitness center was added on to an already existing school, and it required a large volume of ventilation air.

## **Solution**

The architect wanted to highlight the solar heating system and decided to mount the dark brown Solarwall panels horizontally in eight individual steel tube sub-frames. Each section measures 26 ft by 16.5 ft, giving a total area of 3,400 ft<sup>2</sup> (326 m<sup>2</sup>).

The four fans that are connected to the Solarwall system deliver 16,000 cfm of pre-heated ventilation air to the gymnasium area.



*Up-close view of the horizontally mounted panels.*

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