



Improves employee comfort while cutting energy costs with 3M™ Scotchtint™ Window Film

Ford Motor Company

Problem

Ford Motor Company found it challenging to maintain comfortable temperatures for employees year-round in its 40-year-old headquarters in Detroit, a 12-story building faced almost entirely with glass. Glare from the sun also made it difficult for employees in the building to see computer screens.

Solution

After 40 years of trying various fixes to control temperatures in the building, Ford's problem was solved when 3M™ Scotchtint™ RE20SIARL High Performance Silver Solar Control Window Film was applied to every one of the building's 3,083 windows.

Results

While the most important outcome has been improved comfort for its employees, Ford says the company is now enjoying the benefits of an energy consumption reduction, which could save them an estimated \$57,000 a year in energy costs.

Prior to the installation, Ford could cool the building no lower than 80 degrees on hot summer days. Now, even on 90-degree days, the building's temperature has stayed at a comfortable 72 degrees.

The company is also enjoying the benefits of the building's improved appearance and the reduction of glare on computer screens. In the building's Trading Room, for instance, Ford employees had not been able to open their drapes for more than seven years, because the sunlight made it difficult to see their computer screens. Now those same employees enjoy being able to look outside during working hours.

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