



CASE STUDY

WINDOW FILM GUILTY OF LOWERING ENERGY BILLS AT METRO DADE COURTHOUSE CENTER



Problem: A 30-story building undergoing a \$20 million, two-year renovation in downtown Miami looks for energy savings.

Analysis: The high profile building was not only looking for energy savings, but aesthetics were also an important consideration in the building's renovation.

Solution: The reflective film installed to defend the Metro-Dade County Court House Center against high energy bills is proving its case as protection from shattering glass and other windstorm-related damages. The film which was chosen for its ability to reduce the amount of heat entering the building is so strong that when a platform used by window washers accidentally shattered a 25th floor window during a storm. **“The shattered**

glass stuck to the film and stayed in place, so nothing got wet or damaged”, said Rafael Fernandez, President of Confianza Window Tinting, Inc. “We were looking for energy savings, but found a product that offered some means of security without adding much expense”, said Steve Haber, Metro Dade General Services Administration project manager for the Court House Center's renovation.

Benefits: The building chose a film that not only reduces heat gain by 72% and decreases monthly demand at the Court House Center by 37.25 kilowatts (kw). As a result of the window film installation, annual savings of nearly \$6,000 are expected on electricity bills. Metro-Dade's GSA also earned a \$5,306 incentive from FPL for participating in its Commercial/Industrial Building Envelope (CIBE) program.