

# CUSTOMERS NEED TO BE AWARE OF DAMAGE THAT CAN BE CAUSED BY SOME HIGH EFFICIENCY WINDOWS

**\*\*\*\* IF YOU NOTICE A HIGH GLARE SPOT ON YOUR DECK FROM A WINDOW, YOU NEED TO TAKE PRECAUTIONS: TURF GUARD WINDOW FILM WILL STOP DAMAGE FROM OCCURRING ON YOUR DECK OR OTHER OUT DOOR ITEMS**



## **Glare from energy-efficient windows can melt siding, vehicles**

"Low-e window glass is coated with a thin layer of metal or metallic oxide. Visible light is passed through low-e windows without difficulty, but the metallic layer blocks the passage of heat inducing ultraviolet light into the home, reflecting that light outward," David Crump, NAHB director of construction liability and legal research, wrote. "This keeps the home cooler in summer. In the winter, the effect is reversed, with interior heat blocked from passing outward."

Reports show the coating used on the windows to reflect the sun, combined with a concave effect in some windows, magnifies and intensifies the beam up to 200 degrees Fahrenheit. The problem is worse in late fall, winter and early spring due to the low angle of the sun.

Problems with low-e windows have been reported across the country. The beams have melted vinyl siding, plastic and paneling on cars and garbage cans. Reflections from the windows burned people at a pool at the Vdara hotel, a high-rise in Las Vegas. The windows on a London skyscraper were blamed for melting part of a Jaguar XJ. The Consumer Product Safety Commission said beams from sunroom roofs have started fires on cedar shingles in at least four homes.