

Glass Technical Document

Solar Control Applied Films

Please be advised that applied films should be avoided in conjunction with the use of insulated glass products. The applied films alter the solar performance and/or thermal properties of the glass product. These films are typically applied to the number one, number four or number six surface of an insulated unit. Typically the applied film is trimmed to the daylight opening size of the framing system. This serves to increase the temperature differential between the edge of the glass, contained in the glazing pocket, and the center of the glass. On occasion this increased differential in temperature may result in glass failure. This situation is further accentuated if a solar control glass product, which uses a low-e coating, has been incorporated into the IGU configuration.

It is for these and other reasons that applied films should be avoided. For your information, the application of an applied film voids most insulated glass manufacturer's warranties.

In summary, TriStar Glass Products will not provide as warranty for insulated glass units that incorporate the use of an applied film.

**Sincerely,
TriStar Glass Products**

**Gregory A. Oehlers
Director Architectural Sales**

