



**Technical Bulletin
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Field Applied Films

Vitro America does not recommend the application of heat absorbing films to glass, since glass breakage due to thermal stress is a very strong possibility.

These films increase the amount of solar energy absorbed by the glass to which they are applied. Excessive heat absorption can cause thermal stress breakage. Some types of glass are better suited to resisting this heat absorption than others; however, Vitro America cannot predict with certainty whether or not any given lite of glass may break due to this heat absorption. Therefore, we cannot recommend that these films be used on any lite of glass.

In addition to the possibility of glass breakage, **the addition of any after-market product, including heat absorbing films, will void Vitro America's product warranty.** This will be especially critical on Vitro America Insulating Glass Units, since the addition of a heat absorbing film will void the Seal Failure Warranty.

As a matter of standard procedure, I must note that **Vitro America does not warrant glass against breakage from any cause.** Vitro America will assist our customers in determining the potential for thermal stress or windload breakage, but glass breakage must be handled as a matter of statistical probability, and allowances for breakage must be made during the design phase.

