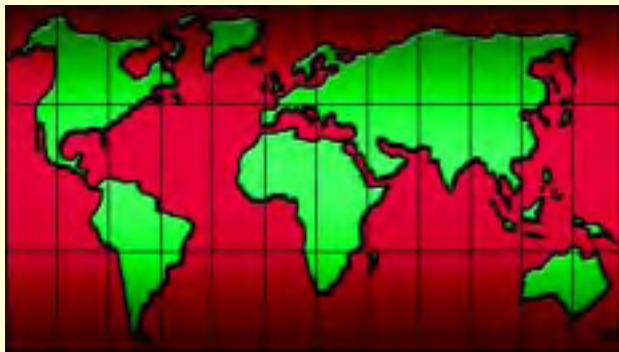


**Around the World in Over 60 Countries**



### **Meeting High Standards**

SAFE-GARD® meets the ANSI Z97.1 (Unlimited) and CPSC 1201, Category II safety glazing standards and it has also received an NES certificate of compliance ([www.nateval.org](http://www.nateval.org)) with the provisions of the 2000 International Code Council, BOCA National, SBCCI, and ICBO Uniform Standard



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***The Original Impact Resistant Composite***

**BREAK-  
THROUGH  
TECHNOLOGY**

**for the Window  
and Glass Industry**

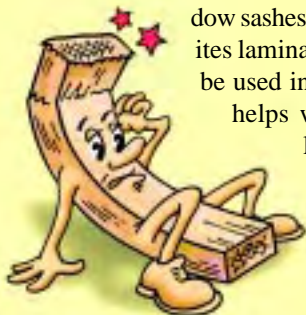


## **SAFE-GARD® is Getting Attention**

It's like getting hit by a 2 x 4. SAFE-GARD® has a cost-effective way for window and glass manufacturers to meet the stringent new hurricane protection building codes being adopted in Florida and other coastal U.S. states. Our breakthrough window design concept entails dry laminating SAFE-GARD® thin composite films directly to double-strength glass, and inserting it into insulated glass units (IG) during the window manufacturing process. The units, laminated with SAFE-GARD®, recently passed the stringent 2 by 4 missile impact and cycling requirements (PA 201 and PA 203) of the Dade and Broward County editions of the Southern Florida Building Code.

## **Less Cost, Lighter Weight**

Why is our new concept significant? Because it allows window producers to offer windows and doors that meet the building codes at a lower cost, and using materials that are lighter than products employing PVB laminated glass. SAFE-GARD® can be incorporated into most residential or commercial window applications and IG units without affecting the integrity or durability of the seal and without adding extra weight to window sashes. SAFE-GARD® film composites laminated to annealed glass can also be used in lieu of tempered glass. This helps window producers avoid the lead-times and other problems, often associated with obtaining tempered glass in custom sizes.



## **The Surest Security You'll Ever Hear**

In the past, dangerous hurricane winds, torrential rain and tornadic activity call for the need to "batten down the hatches". With windows manufactured with SAFE-GARD® thin film composites, the next sound you hear in a thunderstorm will not be the shattering of breaking glass but instead, the dull reverberation of protection. One good whack on the glass and that's all it takes for vandals and thieves to enter your home. With windows and doors reinforced with SAFE-GARD®, a burglar's dream is answered with a stiff thud. Even the most hardened vandal will find difficulty penetrating the film-to-glass unit! Regular glass windows are a catalyst for the scorching sun and its cancer-causing, color-fading, heat-intensive ultraviolet rays. Windows built with SAFE-GARD® thin film composites take the sizzle out of the sun's spark. By applying SAFE-GARD® to the glass before the windows are made, the film forms a bond with the glass that greatly reduces the possibility of the glass coming loose from the frame in the event of any impact.