

Solar, Sound and U.V. Control



The crystal clear flexible interlayer unique to the Glasslam system, offers benefits above and beyond the endless application possibilities and various glass configurations. This includes optimum control over the thermal performance in both residential and commercial building designs.

Solar

Controlling heat gain is a common objective for home and building owners, especially in warmer climates. Control over this element is possible by allowing the laminated glass to absorb and reflect a portion of the solar radiation. This aspect of the Glasslam system can realize a cost reduction in cooling. This can also work in reverse by allowing for an increased level of solar transmittance, thus reducing the cost of heating.

UV. Control

In addition to the reduction of heating and cooling costs through the use of solar control, this element of the Glasslam system also provides control over ultraviolet radiation. The interlayer used in the Glasslam system filters up to 99% of ultraviolet radiation. This U.V. blocker helps to stop fading of interior furnishings inside homes and commercial buildings.

Sound

The Glasslam system offers a barrier against all levels of noise pollution; in particular, noise caused by aircraft, construction, road traffic, and other low frequency range noise. The Glasslam interlayer provides an excellent solution for sound reduction. This system has been proven to produce better sound deadening results than other laminated glass products.



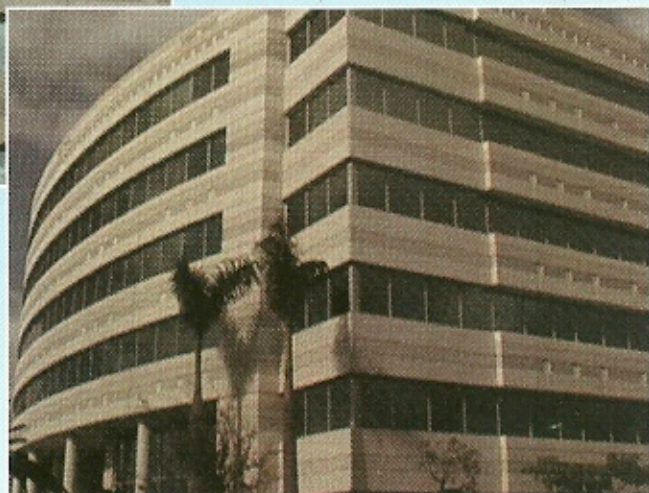
ROYAL PALACE CONDOMINIUMS, PANAMA



HOTEL RIANDE CONTINENTAL, PANAMA



WATERFORD BUILDING, NEAR MIAMI INTERNATIONAL AIRPORT, FLORIDA, USA



Clear, opaque, and colored interlayers, reflective coatings, and all other applications allow for control over:

- Emissivity
- Convection
- Solar Heat Gain
- Light Transmittance
- Temperature
- Ultra Violet Radiation (Blocking up to 99%)
- Sound Reduction (of low frequency range noise)