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Subject: IG Units: Retrofit Film Issues & PRL's Warranty Policy

At PRL, we produce a large assortment of IG units. Always looking out for our customers, we want to notify you of the potential issues with insulated glass retrofit films and our warranty policy.

Some aftermarket reflective and clear laminates could cause insulated glass breakage and premature sealant failures. These products are designed to reduce heat gain or secure glass inside assemblies in the event of cracking. Due to the chance of glass breakage or sealant failures, using retrofitted films will void PRL's IG unit warranty and we do not recommend applying them.

To improve energy efficiency, retrofit coatings can be fused to interior sheets of insulated glass units. However, while these films reflect solar energy, they also absorb it back into the assembly. This increases the temperature of the panels as well as the sealants, which might present complications. Higher edge stress may occur in the glass, putting it at possible risk of breakage. And, absorption of solar energy could affect the sealants, increasing the likelihood of premature IG unit failure.

In case of splintering, aftermarket laminates can also be used to retain insulated glass in a fixed position. Yet, these films may be prone to safety issues. It's feasible IG panels bonded to retrofit coatings might dislodge and slide out in one piece. This should not occur. Therefore, before proceeding with installation, PRL strongly recommends consulting with film manufacturers.

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