



Vitro Architectural Glass
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Erin Casci
Manager, MSVD Coated Products

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RE: Thermal and Optical Performance in Insulating Glass Units (IGUs) with BirdSmart® Glass

Thank you for your interest in Vitro's BirdSmart® bird-friendly glass products. BirdSmart® glass is available on uncoated glass as well as with all Solarban® low-e coatings. In addition, BirdSmart® patterns can be applied to any Vitro glass substrate, offering a wide range of performance and aesthetic options while maintaining effective bird protection.

Because BirdSmart® patterns are not opaque and because they cover only a small portion of the glass surface, their impact on the overall thermal and optical performance of an insulating glass unit (IGU) is negligible. The Lawrence Berkeley National Laboratory (LBNL) has confirmed that the performance data of any BirdSmart® configuration can be represented by that of the same configuration without the BirdSmart® pattern. Therefore, when calculating or reporting performance of BirdSmart® glass, the performance of the IGU without BirdSmart® should be used.

If you have any questions or would like assistance selecting the best product for your project, please contact your Vitro representative.

Sincerely,

A handwritten signature in blue ink that reads "Erin Casci".

Erin Casci
Manager, MSVD Coated Products