

# DuPont™ SentryGlas® ionoplast interlayers



## **Low-E Glass Coatings Compatibility with SentryGlas® Interlayers**

Emphasis on energy efficiency and green building technology is creating added value for glass made with low-E (low emissivity) coatings. Often, the coated glass also requires high impact strength, which can be achieved by laminating with DuPont™ SentryGlas® interlayers. This bulletin reviews the compatibility of SentryGlas® with many different low-E coatings used in modern window glazing.

It is important to test and assure chemical and mechanical compatibility when placing any interlayer in contact with a glass coating. Moisture and salts can be detrimental to coatings over time. SentryGlas® shows excellent compatibility with many different low-E coatings, and this compatibility is enhanced by the interlayer's low moisture absorption and low ionic content.

Listed below are low-E coatings that have been independently tested by their manufacturers and shown to be compatible with SentryGlas®.

<b>AGC</b>	Comfort Ti-AC 23™, Comfort Ti-AC 36™, Comfort Ti-AC 40™
<b>Cardinal</b>	LoE <sup>3</sup> -366® Glass
<b>Guardian</b>	SunGuard® SN-68, SunGuard® SN-68 HT
<b>PPG</b>	Solarban® 60, Solarban® 70

## **Handle coated glass with care**

The long-term performance of a coated glass laminate depends greatly on the laminator's care taken to preserve the integrity of the topcoat that protects the delicate metalized layers of the low-E coating stack. Any compromise of the coating ... such as scratches, scuffs, pinholes, fingerprints, etc. ... will cause the coating to corrode with time.

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DuPont Glass Laminating Solutions supplies and supports customers from research, manufacturing and sales locations worldwide.

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