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DuPont Introduces New, Thinner SentryGlas®

DuPont Glass Laminating Solutions announces commercial availability of new 35-mil (0.9-mm) DuPont™ SentryGlas® clear interlayer for use in making strong, protective windows, doors and safety-glazed building elements.

Originally launched in 60- and 90-mil (1.52- and 2.28-mm) thicknesses, DuPont™ SentryGlas® immediately helped meet toughened building codes in areas such as Florida, subject to hurricane-level destructive forces. Hundreds of glazing systems have now been tested and approved to meet tough new Florida codes using SentryGlas® or SentryGlas® Plus.

"Adding a thinner SentryGlas® helps us expand into applications facing lower wind loads or less destructive forces," said Hayati Yarkadas, DuPont global business director for advanced interlayers. "Beyond storms, people worry about intruders, home safety and health, and energy-efficient living; SentryGlas® can make a big difference in all these areas."

Because SentryGlas® is 100 times stiffer than traditional polyvinyl butyral (PVB) interlayers, it also finds use in higher-performing structural laminated glass, such as in railings, stairs, floors and advanced facade designs.

Less is more

Five times tougher than conventional PVB interlayers, ionomer-based SentryGlas® is also 10 percent lighter in density, more resistant to moisture, and less susceptible to edge defects after lamination. Combined, these advantages can help architects create lighter, brighter, larger open spaces. Engineers can design stronger, more durable, more protective building elements such as skylights, rails, stairs, doors, storefronts and open-edged glazing.

"Laminators and window companies wanted a thinner grade of SentryGlas®, to help replace thicker constructions using PVB," explains Yarkadas. "They report that more and more architects and



engineers are asking for SentryGlas®, and looking for thinner choices to meet a wider range of protection needs."

DuPont™ SentryGlas® 35-mil interlayer sheets are available to laminators worldwide. For more information, visit sentryglas.com.

SentryGlas® is marketed by the Advanced Interlayers team in DuPont Glass Laminating Solutions, a part of the \$6-billion DuPont Performance Materials platform.

DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.

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