



SentryGlas® Glass
Interlayer Laminate For Sports Stadium

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DuPont SentryGlas® is up to 100 times stiffer and 5 times stronger than traditional interlayer laminates and offer wide range of glass applications in sports stadiums.

Issue

Mumbai's Wankhede cricket stadium was looking for an advanced glass solutions to design its corporate, VIP and commentary boxes. It was an absolutely critical decision to be made in the context of cricket as the speeding ball could penetrate, shatter or tear off the glass joints at any time of the match. It was essential to find an adequate solution that could provide wider glass panels for panoramic view while keeping the space absolutely secure for the fans, sportsmen and the commentators alike.

Challenge

It was evident that architects would have chosen laminated glasses but with the traditional laminate PVB, the challenges were plenty. It was difficult to make wide glass panels without multiple joints, to achieve the desired safety and durability the glasses would have to be very thick, and the glass would not deliver on tear resistance and post breakage strength.

Benefit

DuPont SentryGlas® structural interlayer performance helps architects and glazed building system manufacturers meet society's need for greater security, energy efficiency, noise reduction, healthful living, safety and maintenance ease. It helps builders do more with less, creating innovative new spaces, while providing greater protection for occupants.

Solution

DuPont™ SentryGlas® glass interlayer is a science based glass laminate solution that offers strength and open-edge durability to enable frameless safety glass covers for all important spaces in the cricket stadium. DuPont SentryGlas® is stiffer and tougher than conventional interlayers, and it can withstand greater impacts like a speeding cricket ball.

SentryGlas® glass interlayer is up to 100 times stiffer and 5 times stronger than traditional interlayer laminates, helping thinner laminates meet specified wind loads or structural requirements. SentryGlas® can tolerate high stress loads; the interlayer becomes a higher performing structural layer in the multilayer composite.

Originally created for specialty markets such as high-security glazing and hurricane windows, DuPont™ SentryGlas® glass interlayers now are being specified wherever architects or engineers need a material that can make a difference in glass performance. Laminated Glass solution with SentryGlas® interlayer improves long-term weather resistance of laminated glass systems.

