




Anti-shatter films



OPALFILM® anti-shatter films stabilise panes of glass, and in the event of breakage prevent splinters of glass from flying around. The polyester film, with a thickness between 115µ and 230µ, gives the glass properties similar to those of laminated sheet glass (LSG) and therefore high resistance in the event of breakage. Even if the glass itself shatters, it is held together by the film. The Material Testing Agency (MPA) of the German State of North Rhine-Westphalia has classified this film as fulfilling the requirements of DIN EN 12600.

OPALFILM® anti-shatter films have a scratch-resistant surface, and because they are transparent provide unobtrusive protection. They also reduce the level of incoming UV radiation by up to 99 %. Depending on requirements, the films can also be combined with other properties such as solar, anti-glare and/or privacy protection to create an integrated all-round concept.

Characteristics at a glance

- prevents airborne glass splinters
- gives glass properties of laminated safety glass
- neutral colour, can be combined with sun, glare and privacy protection
- reduces UV irradiation by up to 99%
- between 115µ and 230µ thick
- very resistant to heat
- scratch-resistant surface ensures long service life
- easy to clean
- categorised according to resistance class 2(B)2 DIN EN 12600
- suitable for food producing industry (IFS standard)