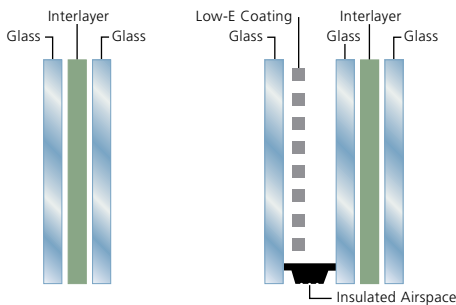




What is an interlayer?

An Interlayer is found on impact glass. It's the energy absorbing, polymer material between two glass pieces that if hit by a fast moving object, would keep most of the glass shards in place and avoids shattering that could cause injury.



What are the two major interlayers used today?

SGP and PVB

What is SGP?

SGP stands for SentryGlas® Plus manufactured by Dupont. SGP offers five times the tear strength and 100 times the rigidity of conventional PVB interlayer. Because of its added strength, clarity, durability, and fabrication, it's an excellent candidate for demanding architectural applications.

What is PVB?

PVB stands for PolyVinyl Butyral and is the most commonly used interlayer in the window and door industry.

What interlayer does JELD-WEN® use?

JELD-WEN's wood window collection uses a SGP interlayer only on Custom wood windows. JELD-WEN's Vinyl line offers both SGP and PVB in five different warranty combinations.

Why does JELD-WEN's wood impact window only offer SGP interlayer?

JELD-WEN's Wood Window Division chose to only offer the SGP interlayer as it is the best long term complement to resist high wind loads on its Custom wood windows.

What are the performance benefits of SGP glass?

SGP in terms of strength, longevity, and adhesion performs better than PVB. The current warranty on SGP glass is 10 years compared to 5 on PVB.

Is there a cost difference on SGP compared to PVB?

The SGP interlayer is priced slightly higher than the PVB interlayer.

What is the most common interlayer used today?

PVB is the most common interlayer used in the window and door industry. However SGP is gaining popularity due to its enhanced performance.