



EXPERIENCE ENHANCED SAFETY AND SECURITY

with SGG STADIP® glass

Renovating or extending your home is a great way to improve and add value to your property. It also creates the opportunity to design a multi-purpose space to complement how we live today.

SGG STADIP® glass is a meticulously engineered blend of security and design. Marked by a singular PVB interlayer, this glazing solution effectively contains glass fragments in the event of breakage. This results in sustained strength in fully framed installations until replacement, ensuring a resilient environment.

Both SGG STADIP® and SGG STADIP® PROTECT consist of two or more glass sheets bonded with a plastic interlayer. This intricate manufacturing process includes placing the plastic between glass sheets and subjecting the assembly to heat and pressure, ensuring a comprehensive adhesion of the vinyl and the glass. Elevate your space with the assurance of safety and sophisticated design, courtesy of SGG STADIP® glass.



THE RANGE

Laminated glazing provides a wide range of options to ensure your safety and that of your home. This type of safety glass can be combined with other types of glass to improve comfort such as DIAMANT®, PARSOL®, COOL-LITE®, and PLANITHERM®. The STADIP® & STADIP® PROTECT range is ideal for locations that need protection against injury, guarding and balustrading, vandalism & burglary, and UV light.



APPLICATIONS



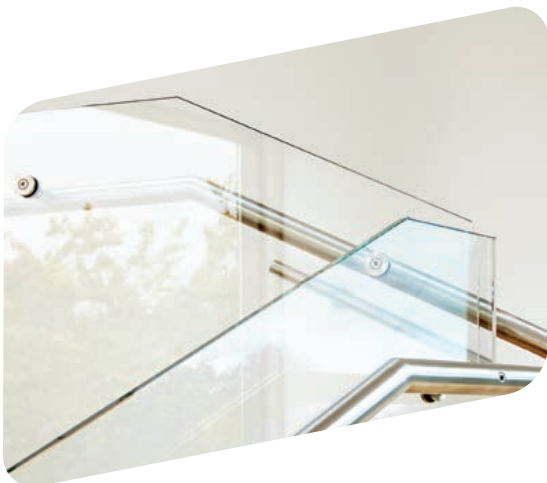
PROTECTION AGAINST INJURY

In the unfortunate event of glass breakage, our glass ensures that the glass fragments stay bonded to the interlayer. This safety feature, often required in public spaces like schools and crèches, is equally beneficial in residential buildings, safeguarding the well-being of occupants.



ROOFING SAFETY STANDARDS

Glass used in roofs must meet safety, thermal insulation, and solar protection requirements. Our laminated safety or security glass provides the necessary safety measures, preventing objects from passing through and reducing the risk of falling fragments in case of breakage. SGG STADIP® PROTECT meets regulatory requirements for overhead glazing, ensuring compliance with safety standards.



GUARDING AND BALUSTRADING

SGG STADIP® and SGG STADIP® PROTECT laminated safety glass offer residual stability in case of breakage. These glasses also retain the object causing the break (depending on the safety and security level), provided they are accurately sized, well-installed, properly supported, and compliant with regulations (BS EN12600). Common applications include guarding, glazed partitions, and sloping glazing.



PROTECTION AGAINST VANDALISM & BURGLARY

In the unfortunate event of glass breakage, our glass ensures that the glass fragments stay bonded to the interlayer. This safety feature, often required in public spaces like schools and crèches, is equally beneficial in residential buildings, safeguarding the well-being of occupants.



RISK ASSESSMENT

The selection of SGG STADIP® PROTECT or SGG STADIP® PROTECT SP laminated security glass depends on a case-by-case assessment, considering property type, building accessibility, and location (such as isolated premises or high-risk areas). The level of risk and regulatory requirements guide the choice, with careful consideration of insurance specifications.





PROTECTION AGAINST UV LIGHT

The PVB interlayer in the SGG STADIP® and SGG STADIP® PROTECT range filters most UV rays, reducing discolouration of items exposed to direct sunlight in buildings like shop window displays, curtains, carpets, and conservatories.



GLASS FLOOR PANELS

SGG LITE-FLOOR is a specially designed and sized laminated safety glass for use on floors.

Note: The polyvinyl butyral (PVB) interlayer's behaviour varies with temperature. SGG STADIP® and SGG STADIP® PROTECT remain mechanically stable within a temperature range of 10°C to 45°C inside the glass assembly.



PROTECTION AGAINST NOISE

- Products in the SGG STADIP® range offer acoustic insulation properties, making them suitable for various applications requiring noise reduction.
- SGG STADIP® SILENCE, a laminated acoustic and safety glass, is specifically designed for areas where high acoustic insulation is essential, such as interpreting booths, residential areas near airports, towns or city centres, and areas near railway lines or motorways.





SAINT-GOBAIN GLASS

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