



PRESS RELEASE

Optimised performance – consistent colour neutrality:

the latest generation of SILVERSTAR solar control glass

Munich, January 2025. *Climate change is leading to increasingly higher temperatures in our region, which is having a significant impact on the use of glass in architecture. External solar control solutions such as shutters or awnings can help prevent overheating in summer, but they are cumbersome for large glass surfaces and alter the appearance of the building. What's in demand are windows and glass façades that allow ample natural light to enter while keeping indoor temperatures comfortable. The new SILVERSTAR solar control coatings from Glas Trösch meet these requirements while also achieving the highest aesthetic standards.*

Smart coatings for every installation

With a range of total energy transmittance (g-values) and optimised selectivity, the latest generation of SILVERSTAR solar control coatings offer a versatile solution for all façades and installation conditions. All versions feature a modern Ug-value and reduced exterior reflection of less than 15 percent. In addition, they are available in a toughened version (T).

The new SILVERSTAR SELEKT 70 is the ideal solution for glazing that requires basic solar protection – especially for façades with a low to medium glass proportion. Thanks to its very high light transmittance, this coating is particularly suitable for residential buildings and as an alternative to low-E coatings.

For more demanding solar control needs, the SILVERSTAR COMBI Neutral 60 is an excellent choice, with its g-value reduced even further compared to the SILVERSTAR SELEKT 70. This makes it perfect for façades with a higher glass proportion, as is often the case with office and administrative buildings.

The SILVERSTAR COMBI Neutral 50 coating features an extremely low g-value, offering exceptional summer heat protection while still delivering remarkable light transmittance. This

highly selective coating is ideal for façades with a very high glass content or fully glazed façades exposed to intense sunlight.

360-degree glazing: maximising energy efficiency

Most buildings still use uniform glazing, missing out on energy-saving opportunities. For example, south-facing façades are typically exposed to more intense sunlight than east or west-facing façades, while lower floors in tall buildings may receive less sunlight due to shading. Factors such as building location, the size, and orientation of glass surfaces should be taken into account when selecting coatings.

Targeted solar control planning, following the concept of 360-degree glazing, addresses these individual needs and optimises energy efficiency. A key requirement for combining different types of glazing within a building envelope is consistent colour uniformity. The SILVERSTAR solar control coatings deliver on this with a uniform, neutral blue exterior reflection.

Figure:



Stock image. Photo: Aepli Metallbau/Studio Gataric Fotografie



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