

## SILVERSTAR FREE VISION T

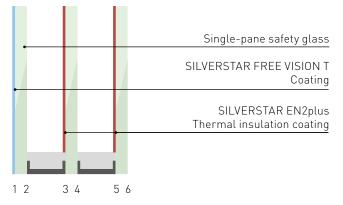
A layer for preventing external fogging



# A clear view in the morning after cold and clear nights

As a result of the outstanding thermal insulation properties of modern double-glazing, these windows can sometimes become fogged up on the outer pane. The functional coating of SILVERSTAR FREE VISION T changes the surface temperature on the outside and thus alters the wetting behaviour of the glass: this almost completely prevents condensation from forming on the outer surface.

#### SILVERSTAR FREE VISION T design Triple glazed insulating glass

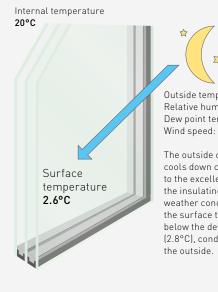


#### In a nutshell

Process	The coating reduces heat loss from the outer pane
Benefits	Practically prevents external fogging
Application	Coating for insulating glass with a low U <sub>a</sub> value



#### SILVERSTAR Triple glazed insulating glass



Outside temperature 6°C Relative humidity 80%

Dew point temperature 2.8°C Wind speed: 0 m/s

The outside of the glazing cools down considerably due to the excellent insulation of the insulating glass and cool weather conditions. As soon as the surface temperature drops below the dew point temperature [2.8°C], condensation forms on the outside.

### SILVERSTAR FREE VISION T Triple glazed insulating glass



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Outside temperature 6°C Relative humidity 80% Dew point temperature 2.8°C Wind speed: 0 m/s

Thanks to the SILVERSTAR FREE VISION coating on the outside of the insulating glass, which acts as a "cold reflector", the surface temperature on the outside of the glazing (5.9°C) is kept above the dew point temperature (2.8°C). This means that there is virtually no condensation.

The graphic shows an example. The values depend on various factors (weather, environmental design, wind).



For more information Errors and omissions excepted