

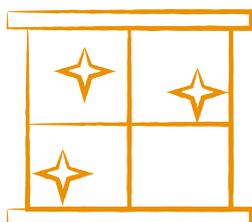
8 facts about integrated systems in insulating glass units

System facts

1

The integrated solar shading systems are self-cleaning and maintenance free and integrate glazing systems with visual protection and solar shading in a single product and a single trade.

**One product – one trade –
hygienic, self-cleaning
and maintenance free**



They are erosion- and weather-resistant, meaning that they function well under extreme weather conditions or in dusty, abrasive environments.

Dust-, erosion- and weather-resistant product

2



3

They are suitable for use in listed buildings as they can fit seamlessly into the existing architectural look.

Solution provider for historical monuments

4

Thanks to being fitted between two panes of safety glass, the systems are secure against manipulation and vandalism, so providing personal security, visual protection and privacy.

**Visual protection and security from
manipulation and vandalism**



Efficiency facts

5

The electrical systems feature the most up-to-date technology, so can be integrated into almost all types of building control systems.

Smart building compatible



The integrated solar shading systems are durable and have a long service life, providing a sustainable and cost-effective investment. They are also environmentally friendly as they do not require cleaning.

Sustainability thanks to durability, multifunctionality and recyclability

6



Process optimisation (contact partner, construction time, building site equipment, etc.) and therefore optimised costs and energy use during manufacture and installation. Resources comprising material usage and services.

Efficiency through optimising processes, resources and costs

7

8

The integrated systems provide high energy efficiency as they can reduce interior solar radiation and therefore heat stress. (new tables for the 4108-2, planned publication end 2024/start of 2025)

Highly effective and adjustable solar shading systems and solar gain

