



Isolide VenloW-energy® Insulating Glass

Growing your business in a sustainable way

Isolide VenloW-energy® Insulating Glass

Scheuten Glass offers a range of highly transmissive insulating glass products for greenhouses: Isolide VenloW-energy® Insulating Glass. These innovative products offer significantly lower energy costs, higher productivity and efficiency, sustainability and a safer work place. With our system partners, we have developed a completely new VenloW-energy® greenhouse; the ultimate solution for a green future for the greenhouse business. It is the energy-efficient successor of the world famous “Venlo-greenhouse”. Of course it is also possible to apply our glass in other greenhouse concepts. Let us surprise you with the many customized functionalities we can compose for you.

Isolide VenloW-energy® Insulating Glass advantages set out:

- ✓ Up to 70% energy cost reduction compared to single sheet glass
- ✓ Productivity increase by more light and light scattering
- ✓ Tailor made product composition for different crops or customer demand
- ✓ All products consist of tempered safety glass (EN 12150, CE certified), safe and sustainable
- ✓ Fully optimized insulating glass greenhouse concept available
- ✓ Large sizes possible: 3,18 x 1,98m: less frame, more light transmission
- ✓ Proven and sustainable glass and coating technology
- ✓ Scheuten, an innovative glass company with 65 years of experience in glass manufacturing and projects


Products:

Product type	Light transmission (EN 410)*	Light transmission (NEN 2675)**	U-value (EN 673)***	Tempered Safety glass (EN 12150)	Diffuse	Explanation
Roof:						
Isolide VenloW-e®	89%	78%	Ug 1.2	Yes	No	Our top product, a high insulation value combined with high light transmission
Isolide VenloW-e® D70	89%	74%	Ug 1.2	Yes	70%	Equal to the VenloW-e® type, combined with diffuse glass (70% light scattering, other values are possible)
Isolide VenloW®	93%	83%	Ug 2.6	Yes	No	Very high light transmission combined with 55% less energy loss compared to single sheet glass
Isolide VenloW® D70	93%	80%	Ug 2.6	Yes	70%	Equal to the VenloW® type, combined with 70% diffuse glass (70% light scattering, other values are possible)
Side wall:						
Isolide Superplus 1.1.G	80%	70%	Ug 1.1	No	No	Best solution for side walls: Optimal light transmission, high insulating value, UV-resistant, fire-resistant, sustainable, aesthetic, low costs

* Transmission according to EN410, tolerances dependant on exact product composition

** Hemispherical transmission according to NEN2675, tolerances dependant on exact product composition

*** Ug-value concerns the thermal transmittance according to EN 673 (vertical)

This is only part of our product range, our sales and technical advisors are at your disposal to inform you about all further possibilities.

Scheuten is a European manufacturer and supplier of high-quality glass designated for total solutions for buildings and infrastructure. Scheuten focuses on quality and durability during the entire process of float glass production to the delivery of the end product. Moreover, the company realizes prominent glass engineering and construction projects around the world.

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