

VELUX ROOF WINDOWS INTEGRATED WITH GSE IN-ROOF SYSTEM

NEW!

Sustainable and healthy living under your roof



VELUX roof windows allow natural daylight to flood in, brightening your home. They also provide the opportunity to have a healthier indoor environment letting in fresh air. This is vital when we consider that we spend 90% of our time indoors and that the air inside our home can be up to 5 times more polluted than the air outside.

With the world facing increasing climate changes, natural energy resources will become a main source of energy. One pathway that can lead us to a more sustainable future is by collecting the sun's power and converting it into solar energy.

VELUX Solar Integrator ODL

The VELUX Solar Integrator ODL is a flashing solution designed especially for solar panels. The solution enables a seamless installation of VELUX roof windows with a GSE IN-ROOF system. The low-profile flashing design ensures full utilisation of the solar panels and maximum generation of energy.

By integrating VELUX roof windows with GSE IN-ROOF solar system, you not only make your home more sustainable by powering it with solar energy but also create a more comfortable and healthier indoor climate, full of daylight and fresh air.

VELUX Solar Integrator ODL key features



Perfect fit into the PV grid

Our solution ensures that your VELUX roof window will fit perfectly into the PV grid, providing an easy, fast, safe and seamless integration.



Zero shadow effect

The flashing does not cover or block any active part of the solar panel, ensuring the full utilisation of the panels and maximum generation of energy.



Side sections

The design of our unique and innovative side sections allows for up to 25 mm sideways flexibility. This means that we can easily secure the perfect positioning of the solar panels and the roof window.



Robustness test

The complete energy roof, integrated with VELUX roof windows, have been tested in northern Europe's largest wind tunnel. Testing wind and water resistance that takes into account 50 years' worth of weather data, VELUX roof windows are built to last.

Together towards energy independence



The VELUX Solar Integrator ODL perfectly connects to GSE IN-ROOF system allowing for optimal roof utilisation. The seamless integration creates an aesthetically pleasing single unit between the roof windows and solar panels.

The GSE IN-ROOF is a mounting system, allowing the building integrated installation of standard solar panels on new builds or roof-renewal properties. The system has the advantage that it fits 95% of solar PV panels available on the market. With more than 4.000.000 m² installed in the world GSE Integration kit is to date the most cost efficient in-roof PV system on the market.

Developed by installers for installers, the GSE IN-ROOF system offers sizeable advantages:

- Easy to install: 3 to 5 kW system installed in 6 hours
- Lightweight (2 to 3 kg/m²) and easy to transport
- Completely waterproof: ensures complete water tightness of the PV system and the roof
- The system can be installed in portrait or landscape format
- Flexible: achieve any desired configuration type (U-Shape, pyramid, etc)
- Mechanical shock resistant
- Very important mechanical resistance:
 - Pressure: 5400 Pa (IEC 61215)
 - Depression: up to 5500 Pa (EN 12179)

GSE IN-ROOF system key features



Color

Color ALU / BLACK



Material

PP - Aluminum - Stainless steel
(100% Recyclable)



Temperature range

-30°C to 100°C



Slope

12° to 50°



Weight

2 to 3 kg/m²



Designed and manufactured in France

Certifications

CHUBB®

CSTB
le futur en construction

certisolis
TEST - CERTIFICATION PHOTOVOLTAIQUE

EXOVA

MCS
BBA
CERTIFICATE BBA 0196

CC
FAT
AVIS
TECHNIQUE

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