



VIDURSOLAR



TellingArchitectural



PRODUCT DESCRIPTION -

GLASS-GLASS PV MODULES FOR
BUILDING INTEGRATION (BIPV)



VIDURSOLAR

WHO WE ARE

VIDURSOLAR is a commercial brand of the VIDUR group of companies, leaders in tempered and laminated glass since 1962.

VIDURSOLAR has benefited from the experience of the VIDUR brand in the building glass sector, in developing photovoltaic modules for building integration (BIPV) that are superior in performance to traditional laminates.

The technical expertise gained by VIDUR in the manufacturing of specialist glass was the catalyst for the development of the glass/glass photovoltaic modules. By extension and development of the tested processes and materials that have been proven in use over decades we manufacture products to the highest quality standards to guarantee total customer satisfaction.

Other Companies of the Vidur brand are:

- Vidur, S.A. & Manufacturas Tarrida, S.A., both companies active in the construction and design sectors.
- Vidurglass, S.L., this company specialises in the automotive sector.





Introduction :

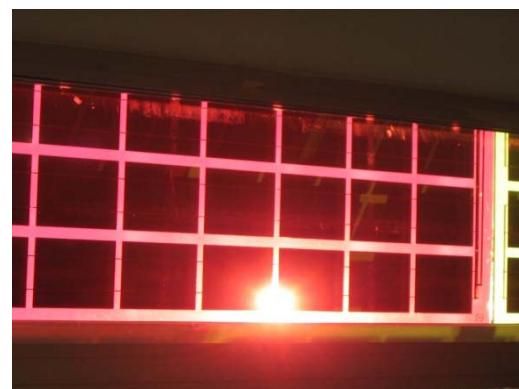
VIDURSOLAR glass-glass PV-modules

VIDURSOLAR is an innovative photovoltaic module for architectural integration designed as a highly engineered construction element. It has been developed to offer alternatives to conventional construction methods adopting the same functions of safety, security, solar protection, thermal and acoustic insulation whilst adding an innovative, aesthetic and ecological energy generation component.

VIDURSOLAR photovoltaic modules are characterised by excellent quality and exceptional safety features. They are CE marked as construction products, and are classified as "Laminated Safety Glass" according to EN 14449:2005.

We use PVB (polyvinyl butyral) as the interlayer, this encapsulant. This being traditionally used in the construction and automotive sectors for laminated safety glass due to its significant performance advantages in resistance to breakage.

The innovative versatility in design of our VIDURSOLAR photovoltaic modules combined with our custom-made production facilities, offer designers an extraordinary scope for creativity and flair.





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Applications

- Atriums, glazed walkways and skylights
- Pergolas and conservatories.
- Curtain walling or rainscreen façade
- Façade cladding as a ventilated opaque façade.
- Solar protection with brise-soleils or canopies
- Other applications as balconies, urban furniture, decorative and art installations, etc.

