



ESQUISSE GLASS™

Coloured solar glass for elegant BIPV facades



ABOUT

Specifically developed for BIPV facade applications, Esquisse Glass™ uses a patent-pending optical interference technology.

Resulting from many years of experience, the coating applied by plasma process to the back surface of the glass gives it unfading colours with minimal impact on photovoltaic performance.

Available in various dimensions and thicknesses, Esquisse Glass™ adapts to any type of photovoltaic module.

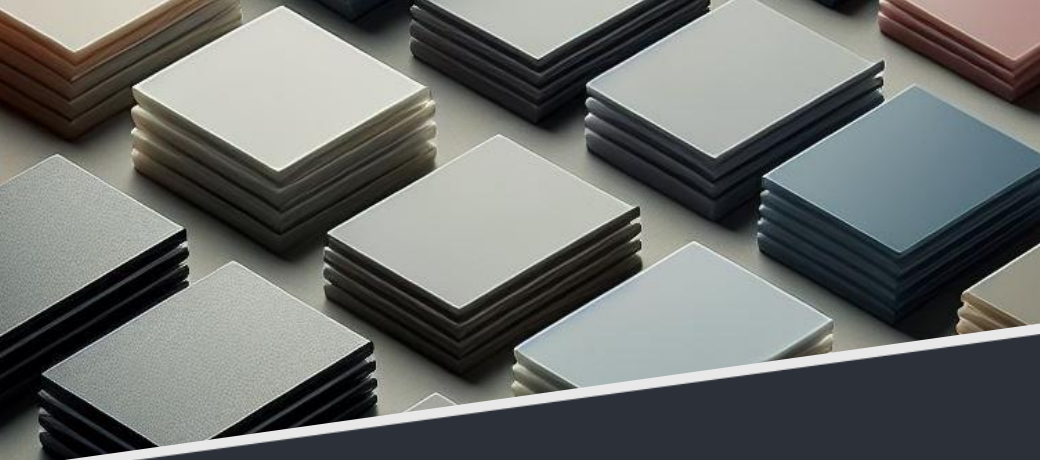
It is ideal to produce frameless glass-glass photovoltaic modules that integrate seamlessly into the facade.

It is also suitable to produce of opaque inactive elements, dedicated to unsuitable or partially shaded surfaces, allowing the visual integrity of the building envelope to be maintained.

ADVANTAGES

- ✓ 100% European product
- ✓ Industrial processes compliant with EU sustainability standards ISO 14001 and ISO 50001
- ✓ Fully recyclable, without harmful substances
- ✓ Inert and compatible with the strictest EU fire resistance standards
- ✓ Certified compliant with EU standards for "glass in construction":
 - Durability of coating (EN 1096)
 - Strength (EN ISO 12543)
 - Safety (EN 12150)
- ✓ Compatible with all types of opaque PV modules or inactive elements
- ✓ Anti-reflective matte finish

“ Choose Esquisse Glass™ and be part of the future of BIPV!



COLLECTIONS

Available in understated and carefully selected shades, Esquise Glass™ offers a versatile palette allowing architects and designers to create elegant and personalized combinations.

Based on optical interference technology, Esquise Glass™ colour is obtained through partial and diffuse reflection of incident light.

The shades produced by this principle have a slightly metallic appearance that varies depending on lighting conditions and the angle of observation, creating colour play that brings the facade to life.

The colour representations in this brochure are for illustrative purposes only.

It is recommended to order samples to accurately assess the colour and its behaviour in real conditions.


A meticulous selection of four shades of grey, designed to harmoniously integrate with urban environments.




White
Aluminium



Granite Grey



Grey Steel



Concrete Grey

URBAN

Four sophisticated shades of greige and beige, inspired by the tranquility and charm of picturesque villages.



VILLAGE



EXCLUSIVITIES

Esquisse Glass™ technology also allows the creation of exclusive, custom shades to meet the demands of the most prestigious projects.

These unique shades enable the personalization of each facade, bringing elegance and sophistication to the architecture.

For example, the Icy Blue colour covering the four facades of the new Fanshawe College Innovation Village, specially designed for and exclusively offered by SolarLab.

Diamond Schmitt Architects have fully leveraged the design freedom offered by SolarLab' solar facade system to seamlessly integrate photovoltaic systems into a spectacular architectural piece.

The articulated cladding enhances the dynamic qualities of the colour, giving the building a distinctive and unique appearance.



Ice Blue

INNOVATION VILLAGE
COLLEGE FANSHAWE
ONTARIO, CANADA



PV MODULES

Several companies can provide BIPV modules or complete facade solutions with Esquisse Glass™ in Switzerland and Europe.



Esquisse Solaire gladly connects architects, designers, and contractors with these players.

NB: The glass can be delivered to any other supplier.

BIPV FACADE

- ✓ Clean energy production contributing to the transition to sustainable sources
- ✓ Exploitation of the vertical dimension of buildings, a major asset in urban areas where roof space is limited
- ✓ Electricity production distributed throughout the day with South, East, West installation of modules
- ✓ Smoothed production over the year thanks to better sunlight capture in winter
- ✓ Long-term cost-effectiveness unmatched by conventional facades

SPECIFIC ADVANTAGES OF FACADES EQUIPPED WITH ESQUISSE GLASS™:

- ✓ Discreet integration leading to greater acceptance by owners and neighbourhood
- ✓ Higher energy conversion rates than pigment-based colour technologies, with equivalent PV cell camouflage
- ✓ Colour unchanged by long-term sun exposure

INFORMATION

For any sample request or any questions regarding photovoltaic modules and / or complete solar facade solutions:

info@esquisse-solaire.ch

For more information about the company and its services:

www.esquisse-solaire.ch

To download this brochure:



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