

ENERGY OUTFIT FOR BUILDING AND ARCHITECTURE





by CHIRENTI

Texture Design Concepts 2025



ENERGY WASTE

The amount of sunlight that reaches Earth in one hour provides more energy than what the planet consumes in a year.

In Europe, the economic loss due to failure to solar energy capture on unused building facades unused, is estimated at millions of euros per day.

SOLAR FACADES / ENERGY OUTFITS

Today, thanks to BIPV (Building Integrated PhotoVoltaics) outfits and claddings of buildings transform the sun's rays into clean, unlimited and safe energy.



Building Integrated PhotoVoltaics

BIPV stands for Building Integrated PhotoVoltaics. Photovoltaic panels and systems of the latest generation, of any color, texture, shape and size. They can take on the appearance of a variety of materials, such as marble, granite, brick, wood, steel, chromatic glass, etc.



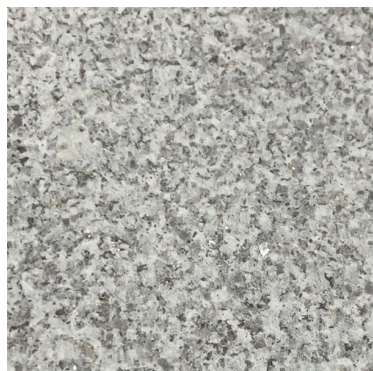
BIPV offers enormous possibilities and solutions for designing the building of the future that restores dignity architectural aesthetics with great added energy value. Facades that produce sustainable solar energy that respects human health and the environment.

ADVANTAGES & BENEFITS

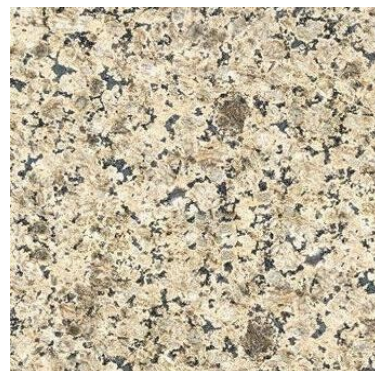




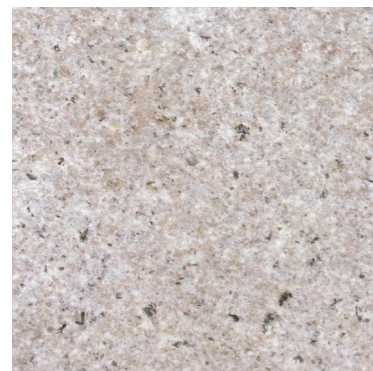
Granite



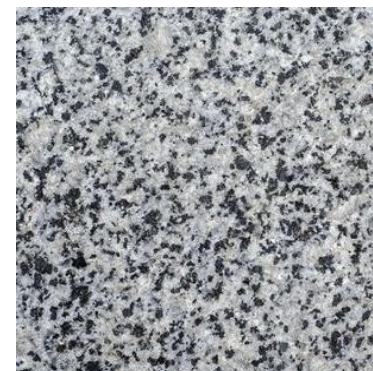
GNT 1



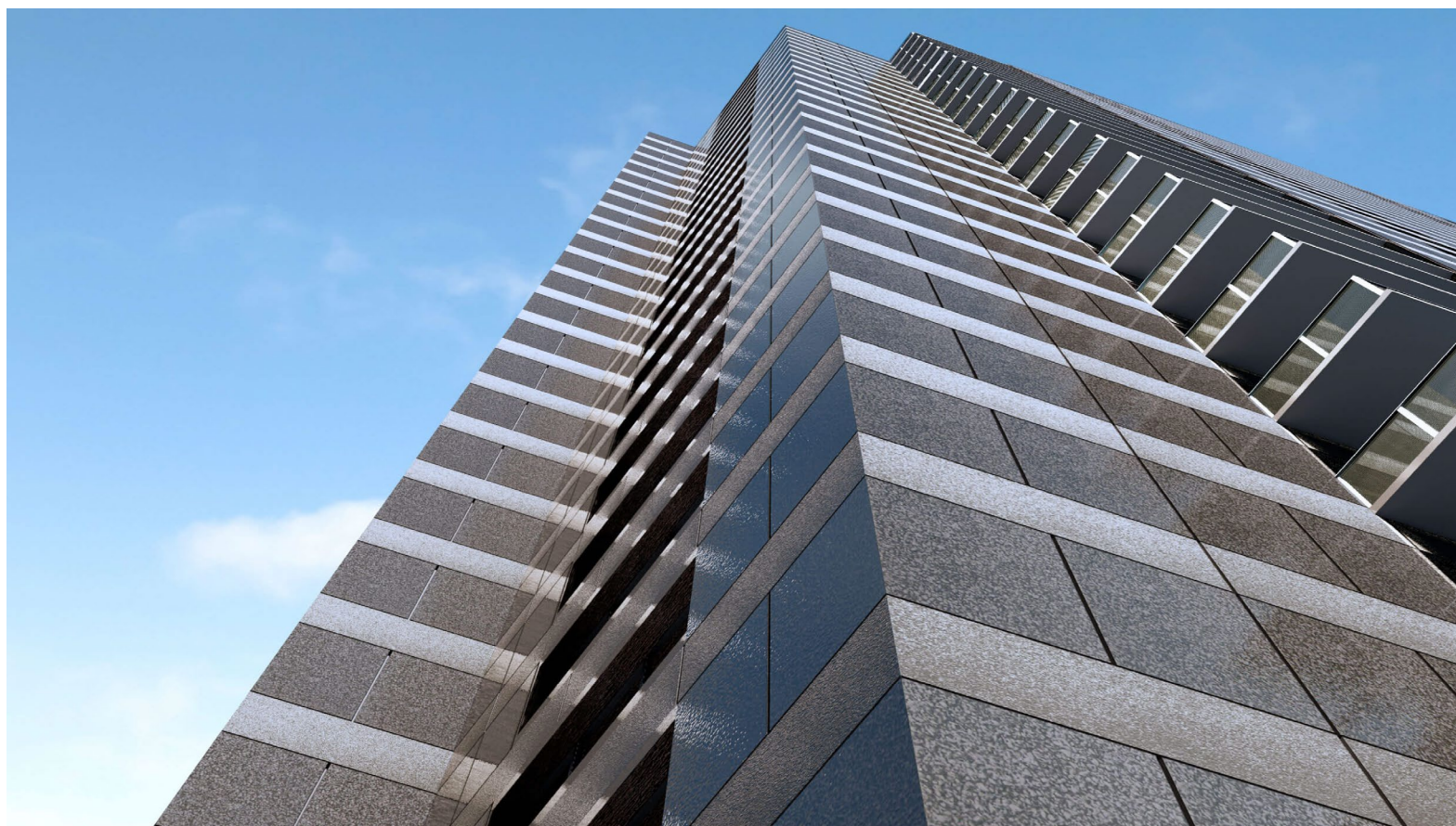
GNT 2



GNT 3



GNT 4

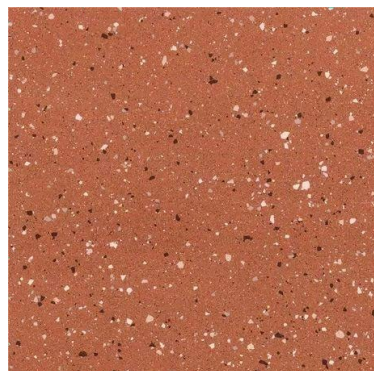




Ceramics



CRM 1



CRM 2



CRM 3

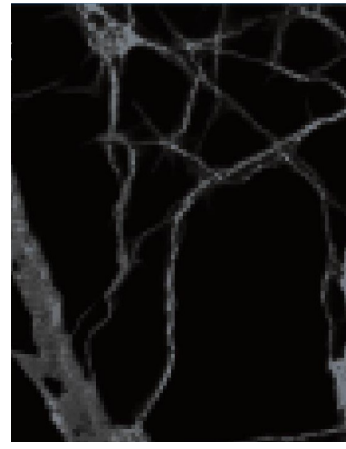




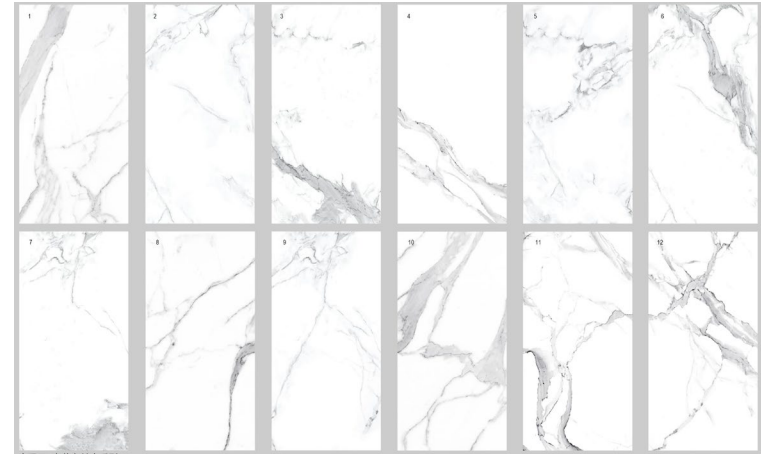
Marble



MRM 1



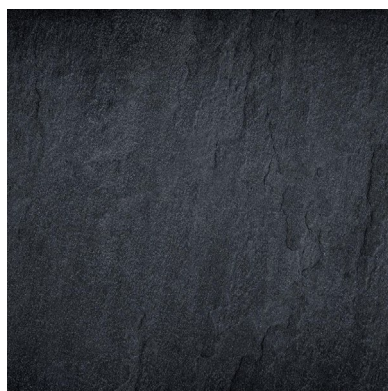
MRM 2



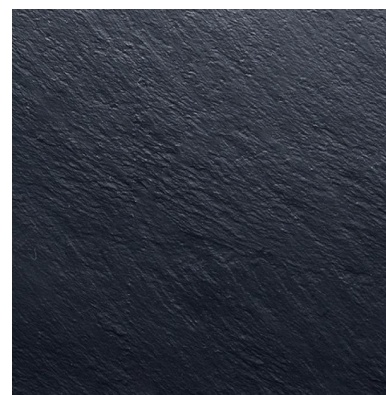
Slate



BIPV ITALY
Building Integrated PhotoVoltaic



RDS 1



RDS 2

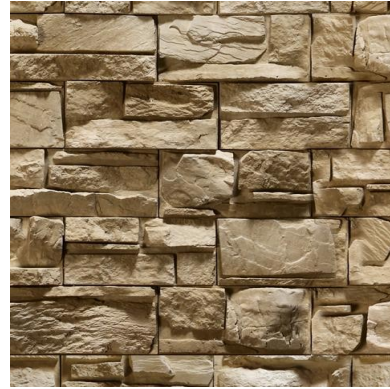




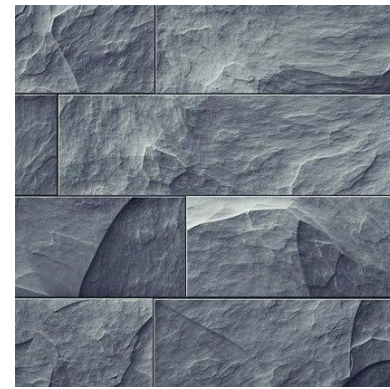
Stones



PTR 1



PTR 2



PTR 3



Bricks



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Building Integrated PhotoVoltaic



MTN 1

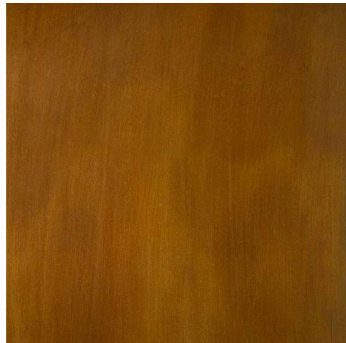


MTN 2





Sheet metal



LMR 1



LMR 2



LMR 3



LMR 4





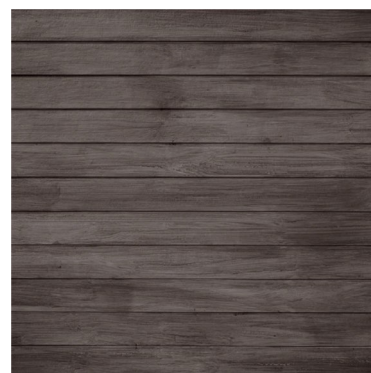
Woods



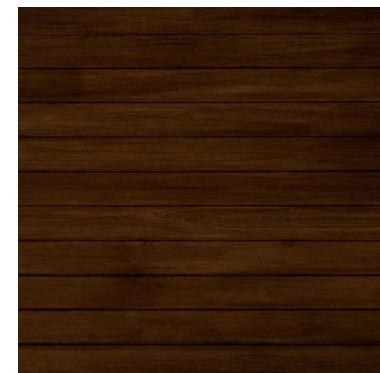
LGN 1



LGN 2



LGN 3

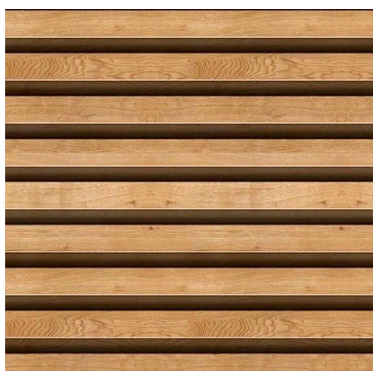


LGN 4





Staves



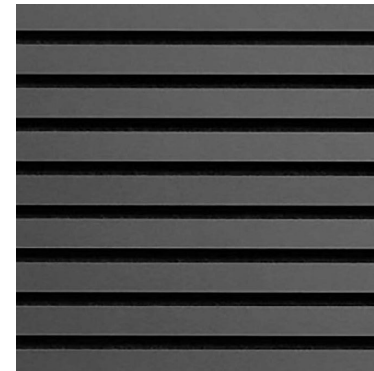
DGH 1



DGH 2



DGH 3



DGH 4





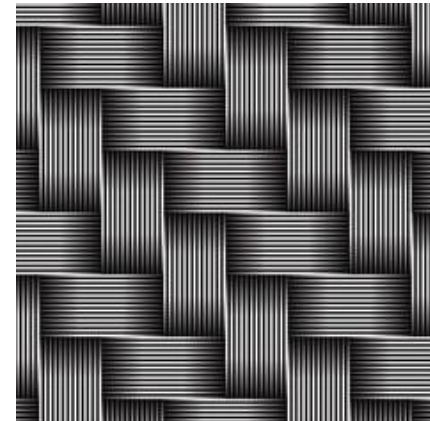
Geometries



GMT 1



GMT 2



GMT 3





Fabrics



TST 1

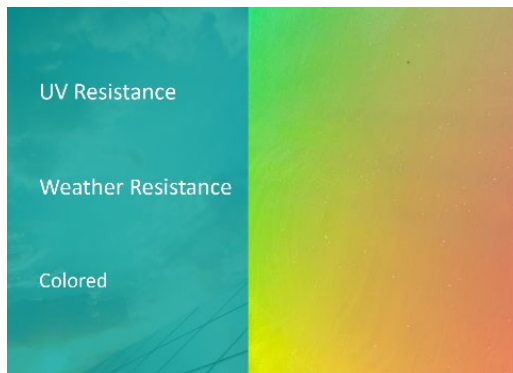


TST 2

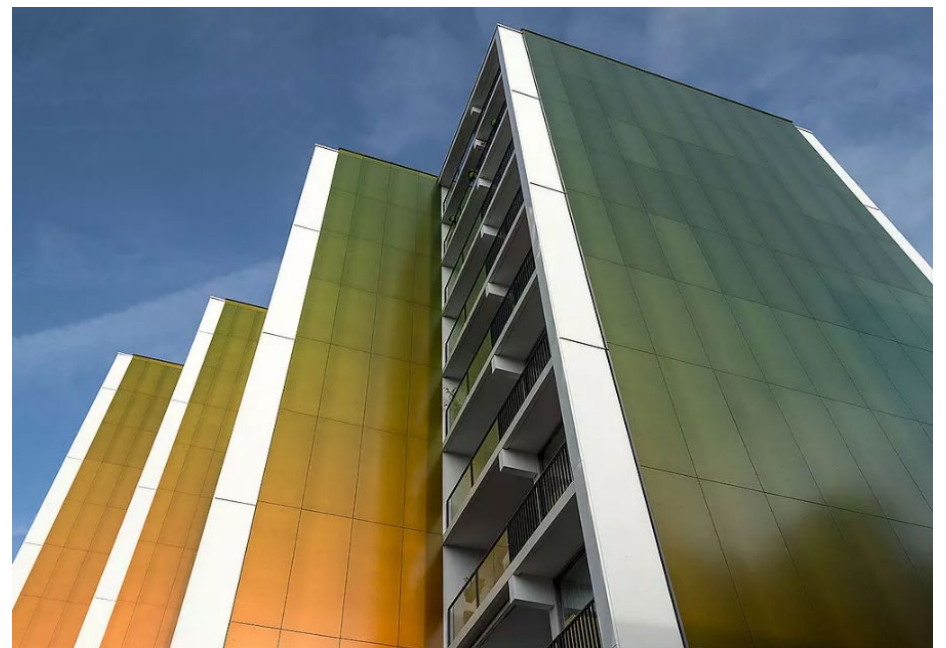
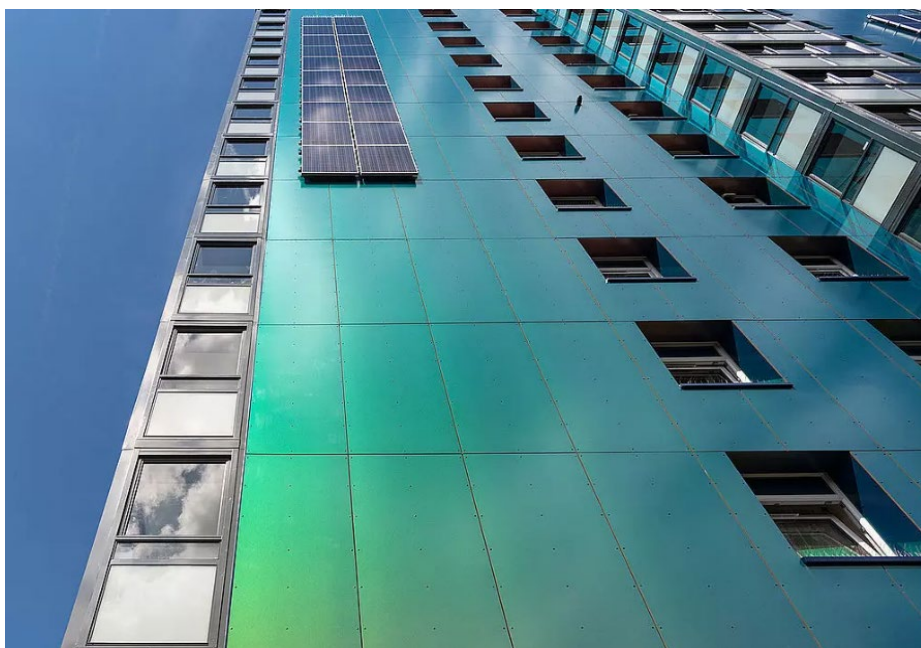




Reflective surfaces

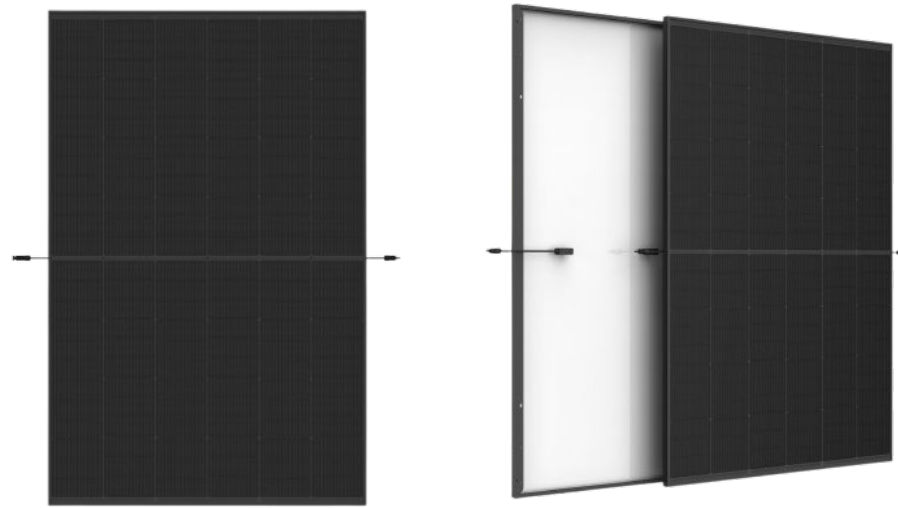


The reflective and iridescent BIPV allows the cladding of buildings, to take on various hues and shades of color. The same building changes color depending on the light and from the point of view from which it is viewed.





PhotoVoltaics All Black (BCK)

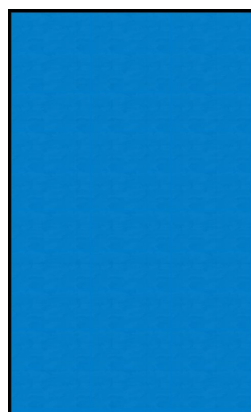


BCK 1

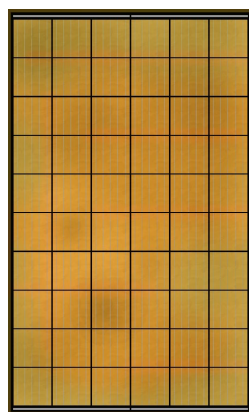




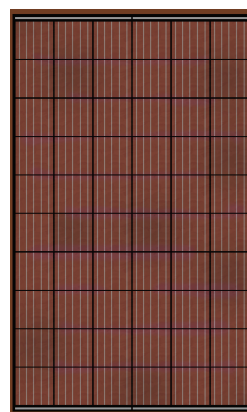
Colored Cells (CLC)



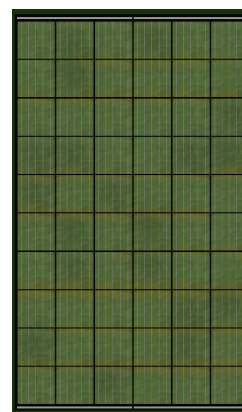
CLC 1



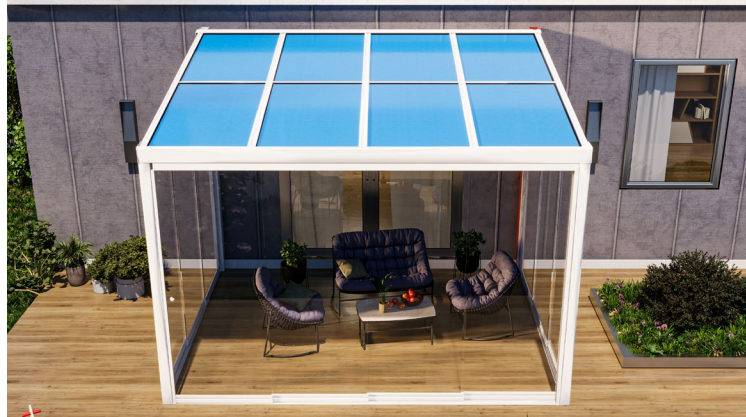
CLC 2



CLC 3

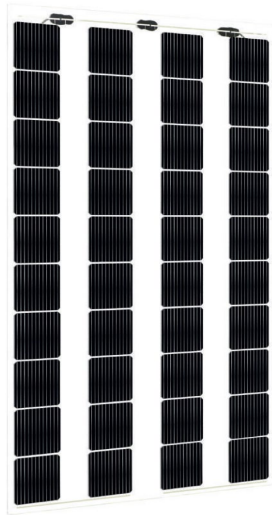


CLC 4





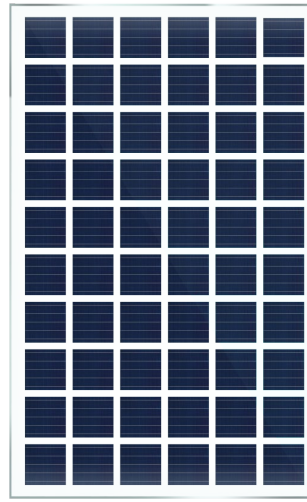
Glass to Glass



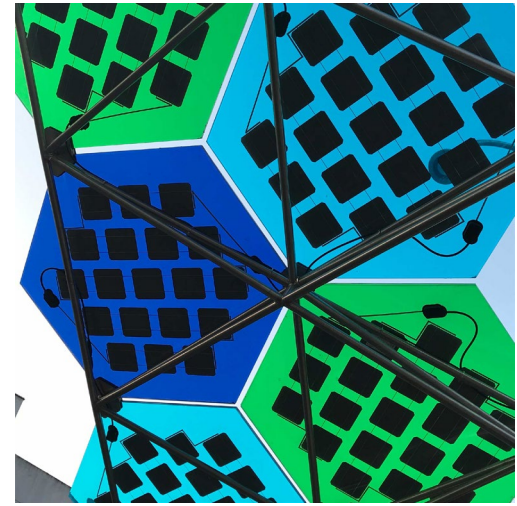
GTG 1



GTG 2



GTG 3

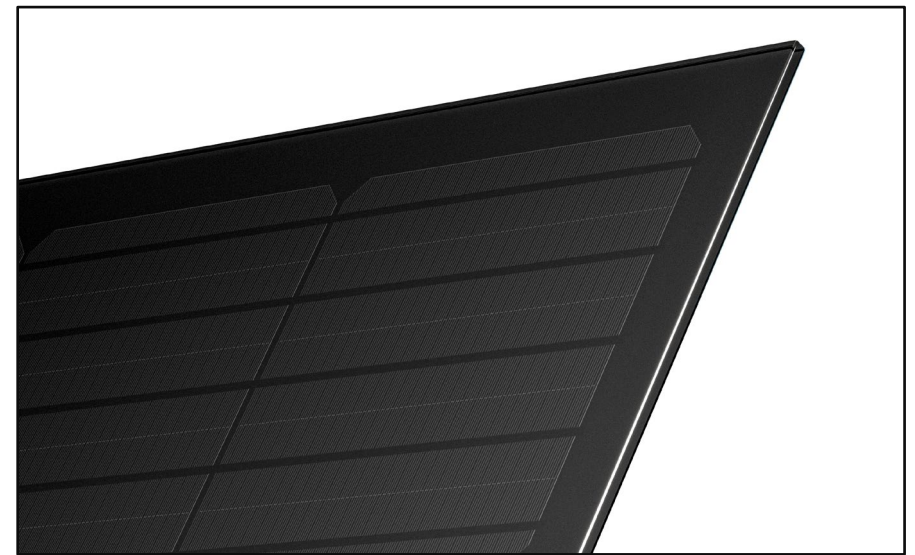
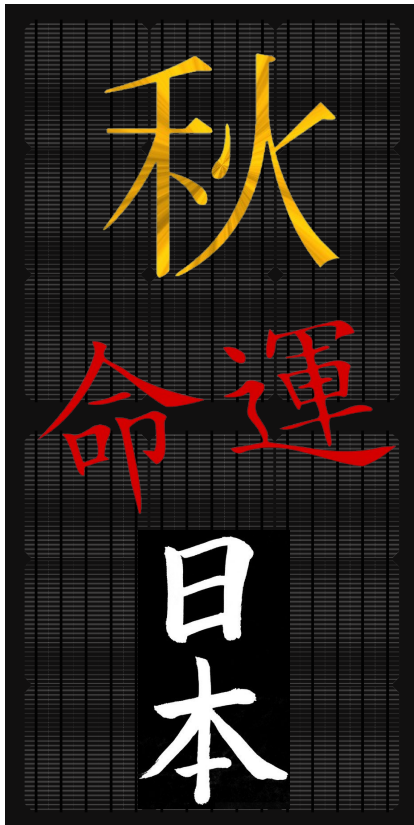


GTG-C



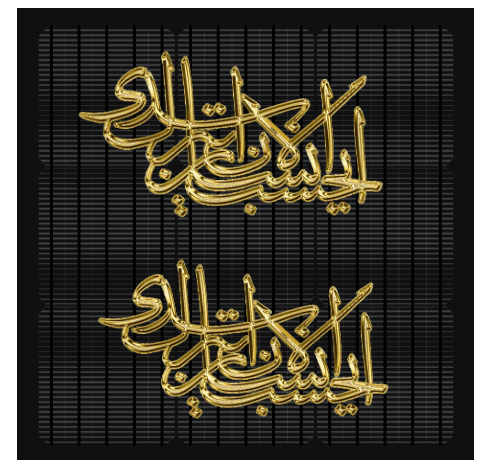
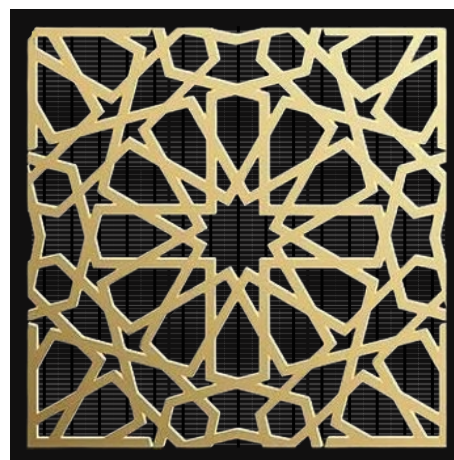
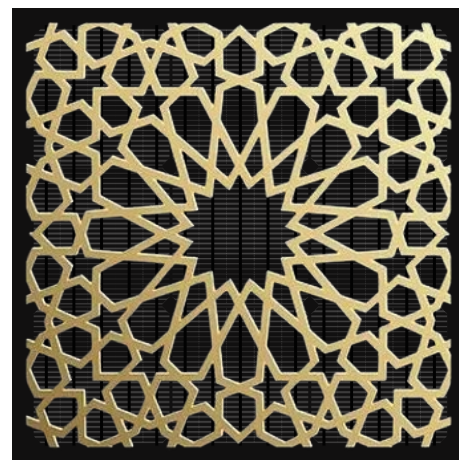
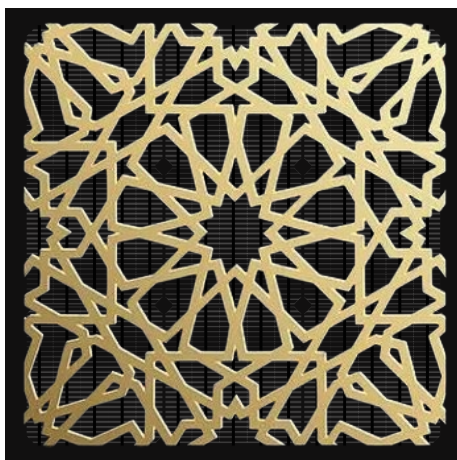
Energetic Ethnic Characters and Symbols

ORIENTAL KANJI



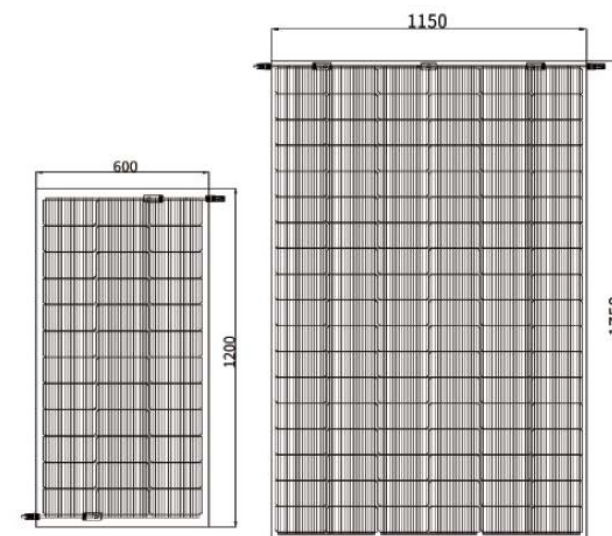
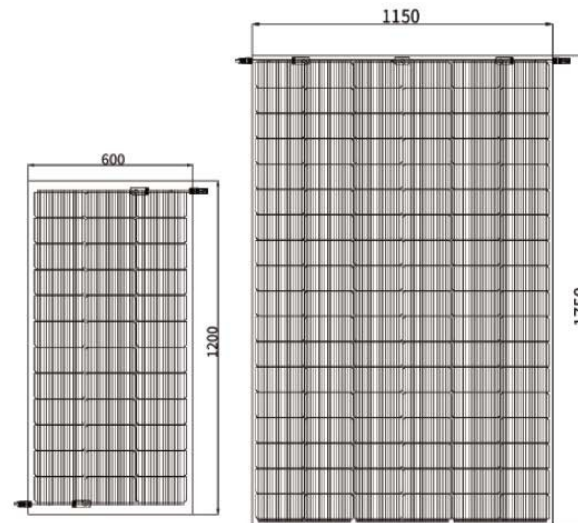
Ethnic BIPV reproduces characters and symbols of various cultures and traditions. It is used to decorate facades of historical, religious or government buildings. It can be used in communication for commercial purposes and can act as an energy support for signs, logos and brands.

MASHRABIYYA





Standard module dimensions



SPECIFICHE

Codice:	js-bipv
Watt picco:	da 300 a 400
Efficienza:	da 21,5 a 28%
Dimensioni mm:	1750x1150
Peso kg:	da 22 a 36
Materiale:	vetro-vetro
Telaio in alluminio:	sì / no
Spina:	MC4 Evo 2

CUSTOM MADE

Upon request, BIPV can be made in any size, shape, color and texture.

SOLAR ENERGY PRODUCTION



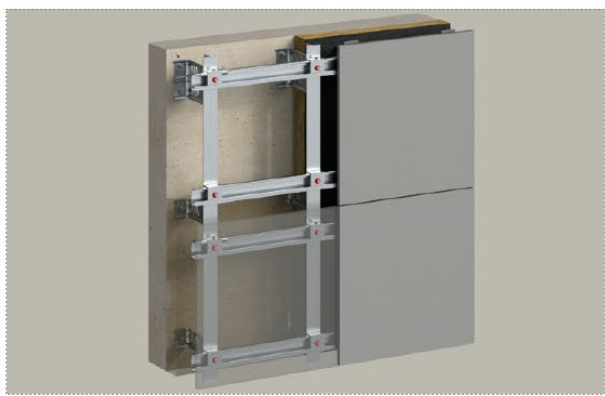
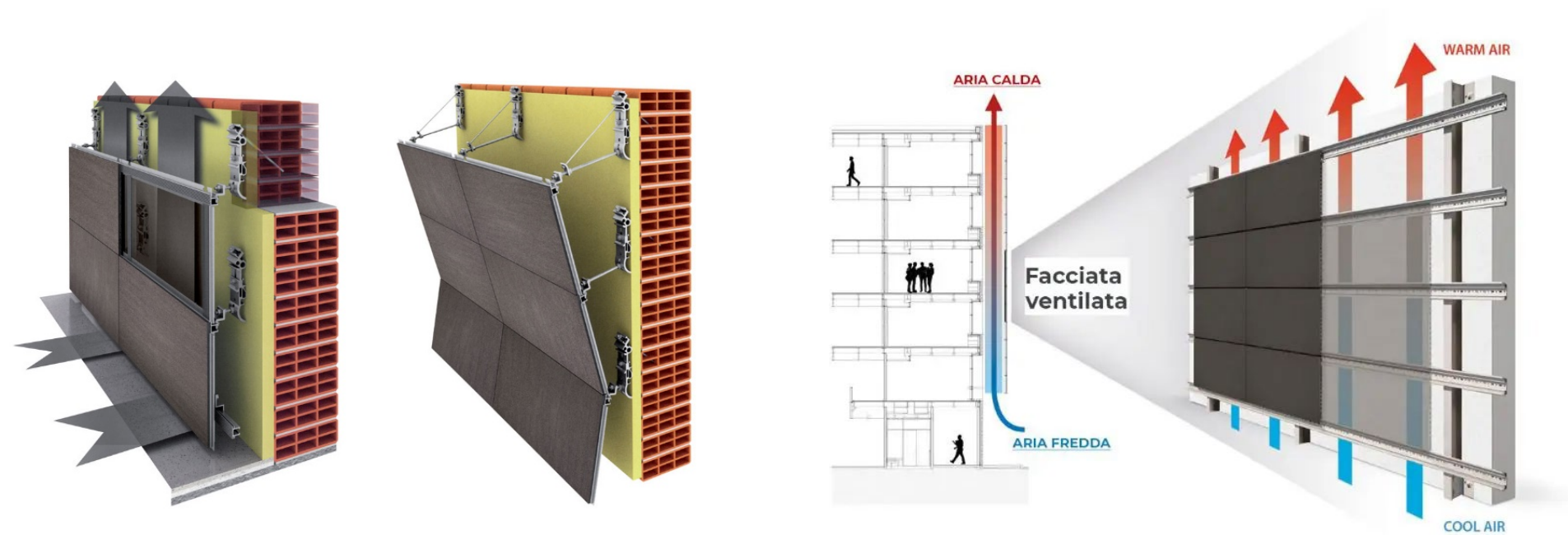
BIPVITALY
Building Integrated PhotoVoltaic



FASTENING SYSTEMS



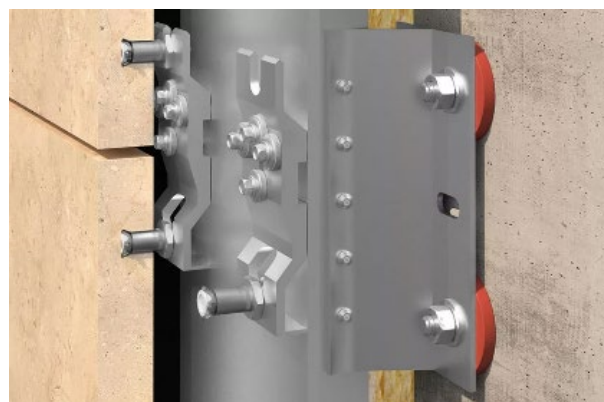
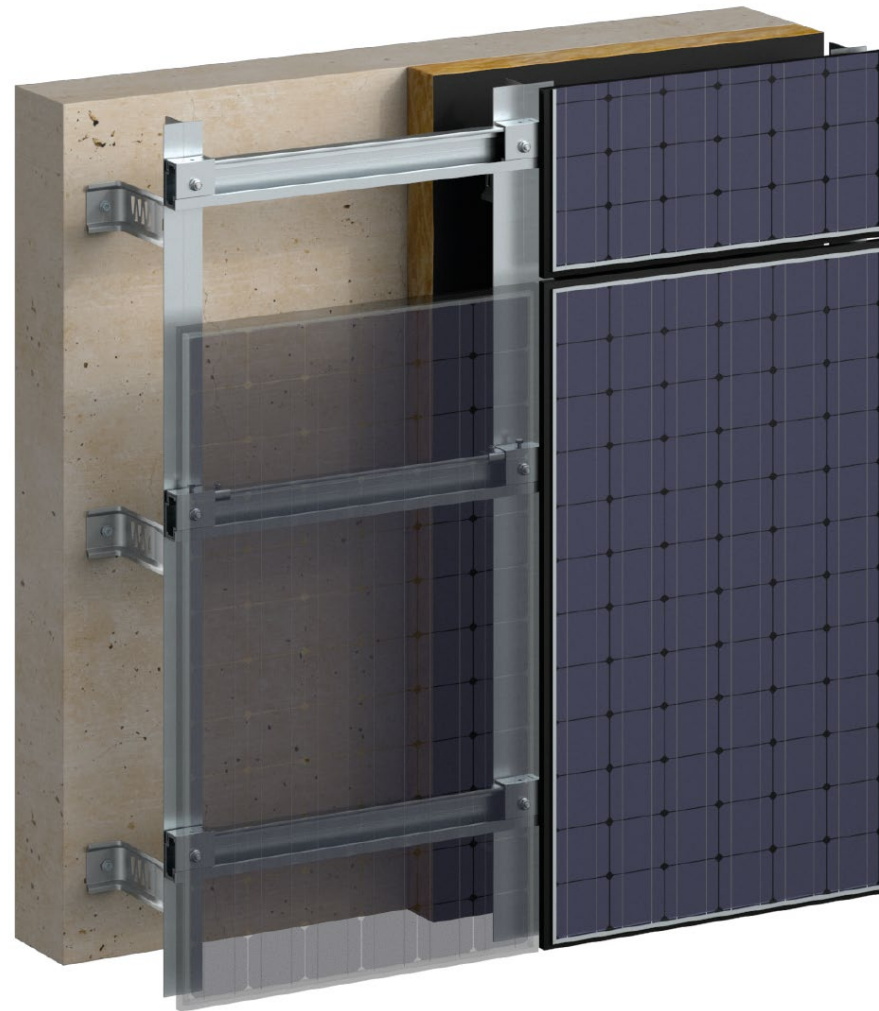
VENTILATED FACADES



VENTILATED FACADES



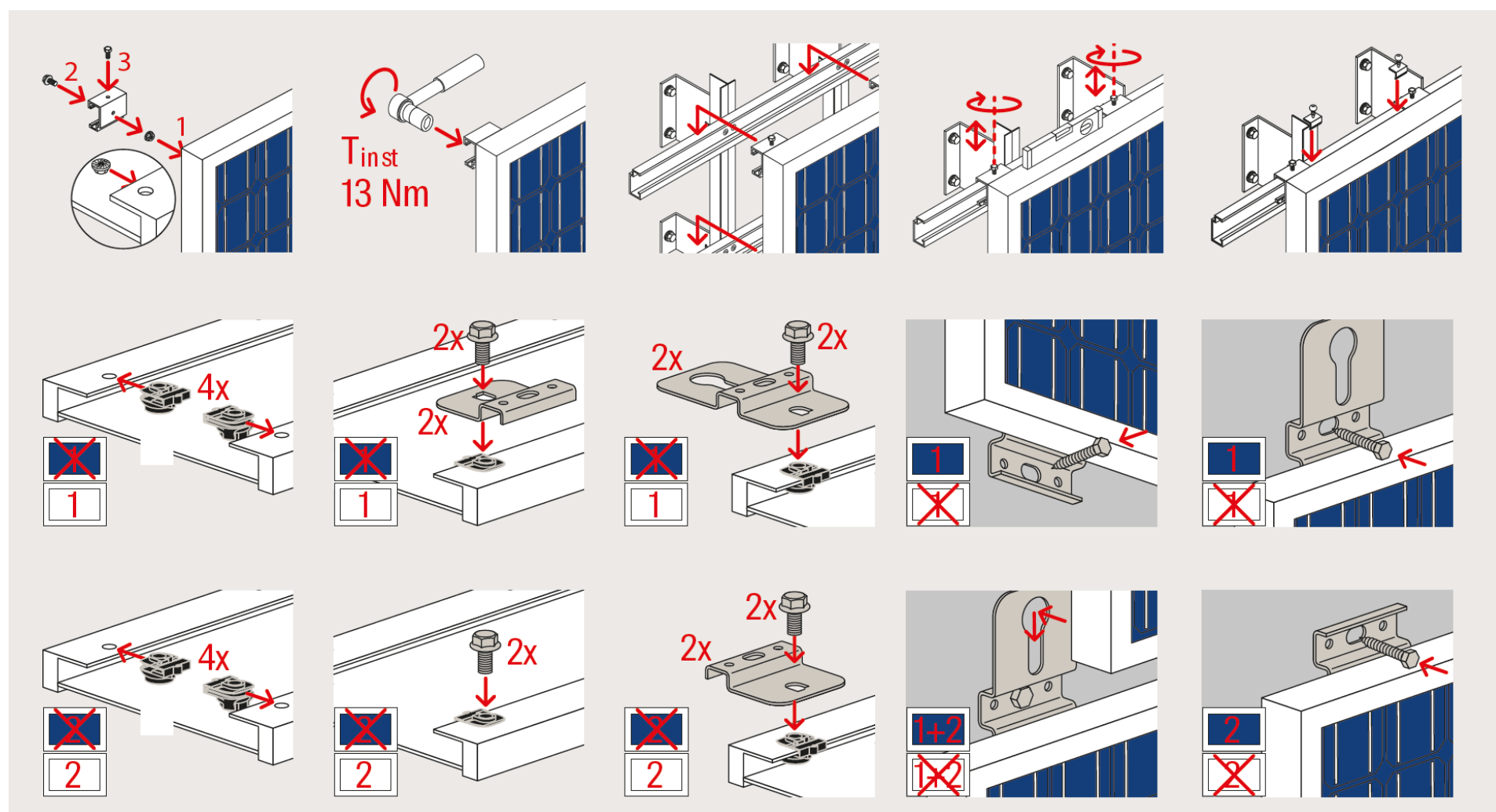
BIPV ITALY
Building Integrated PhotoVoltaic



VENTILATED FACADES



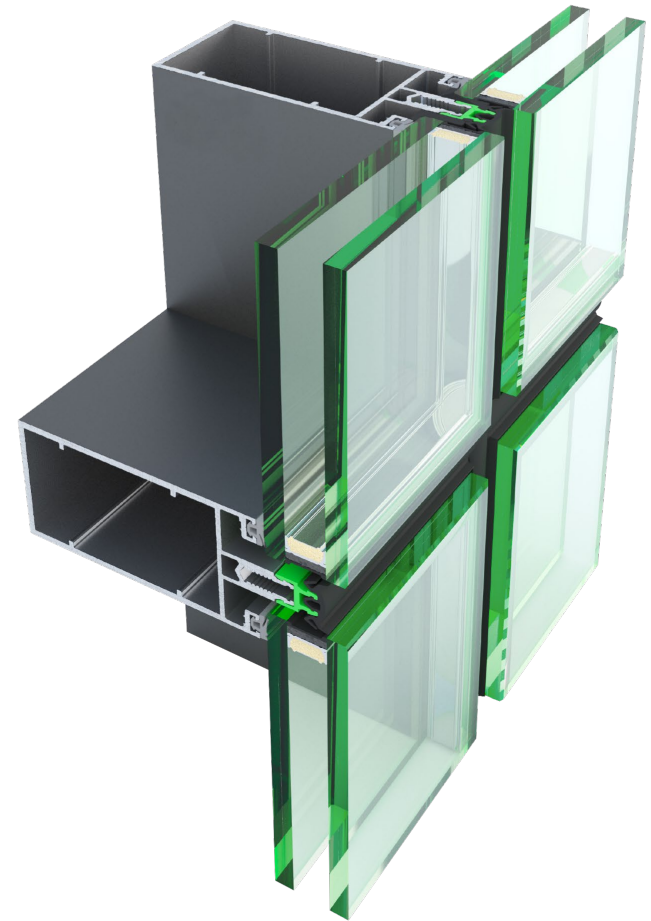
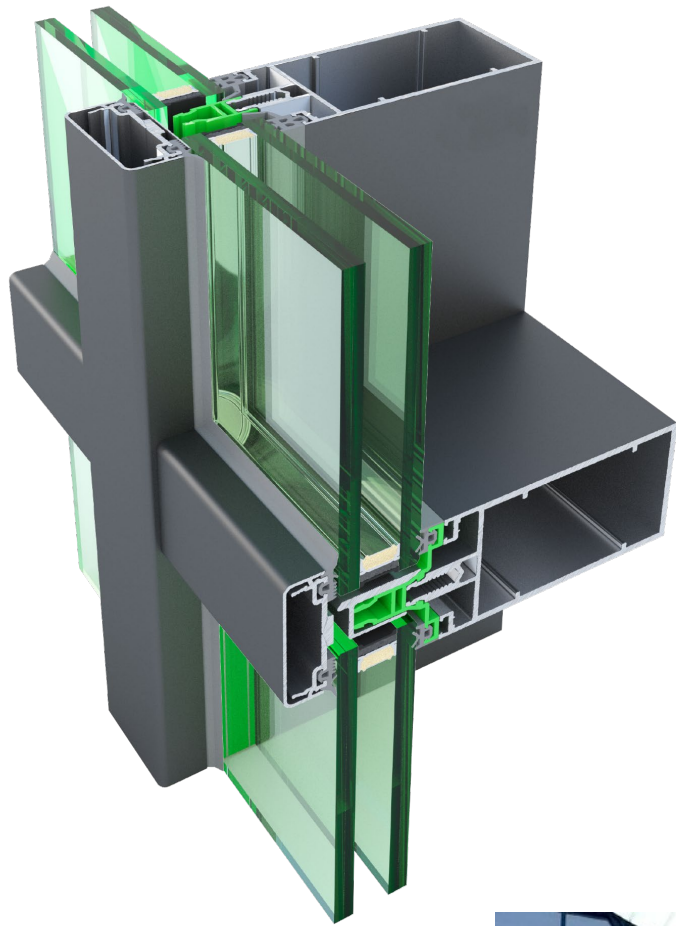
BIPV ITALY
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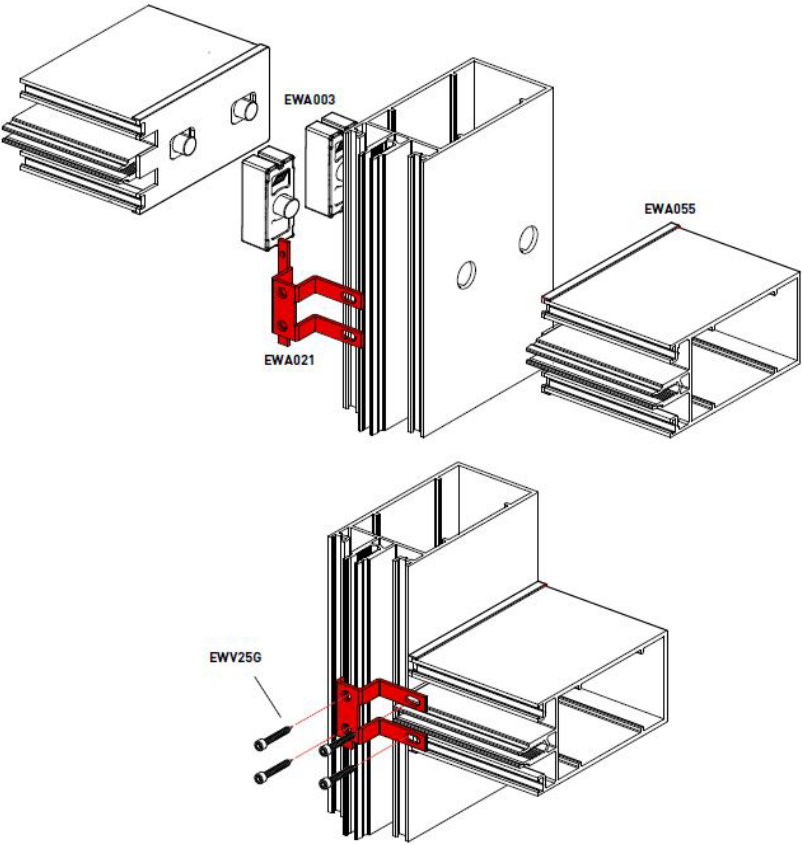
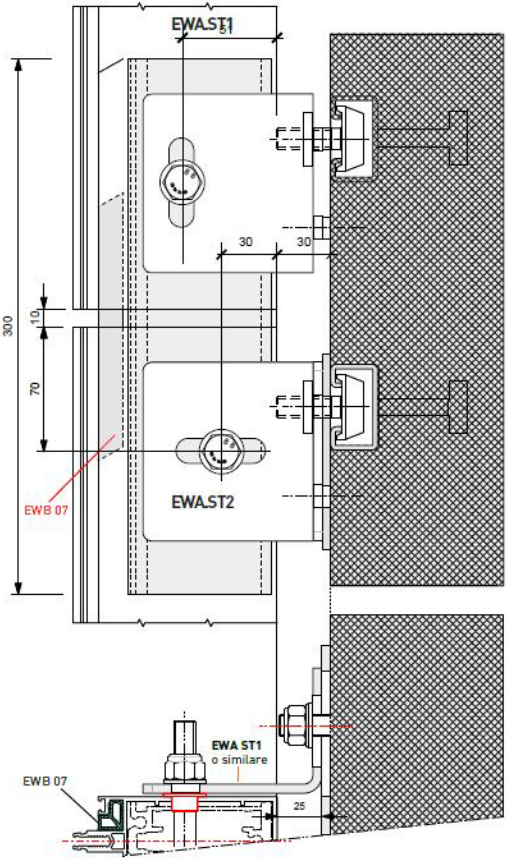
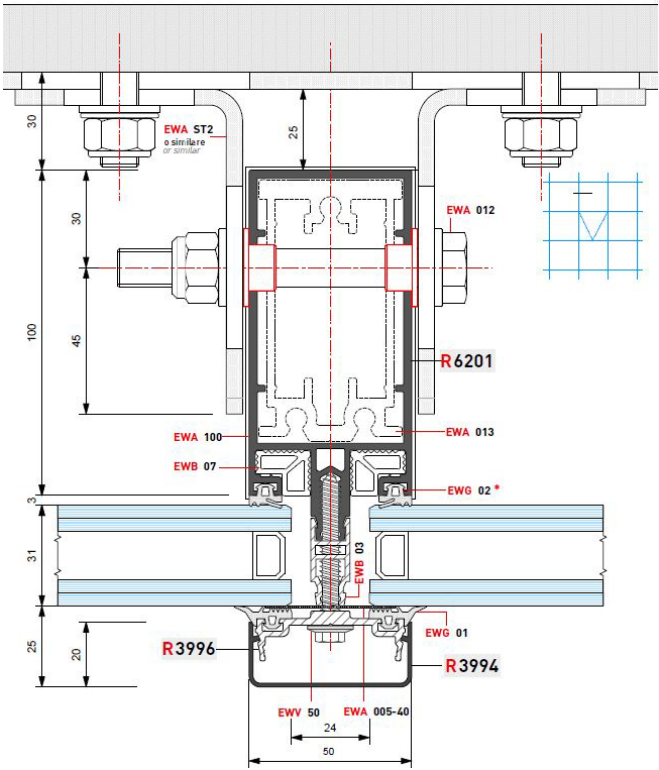
CURTAIN WALLS



BIPV ITALY
Building Integrated PhotoVoltaic



CURTAIN WALLS



INSTALLATIONS



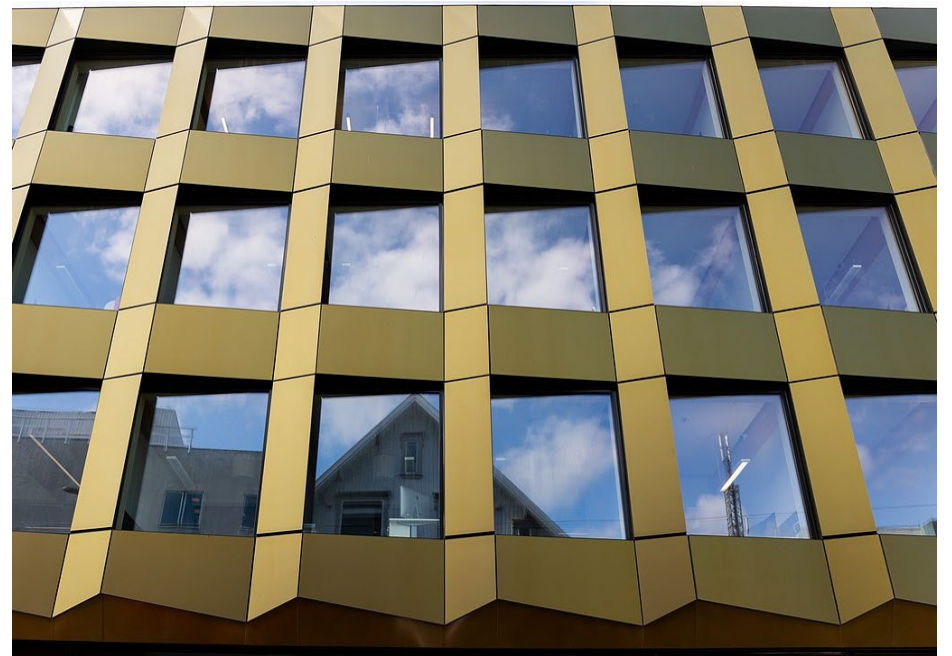
APPLICATIONS REALIZATIONS PROJECTS



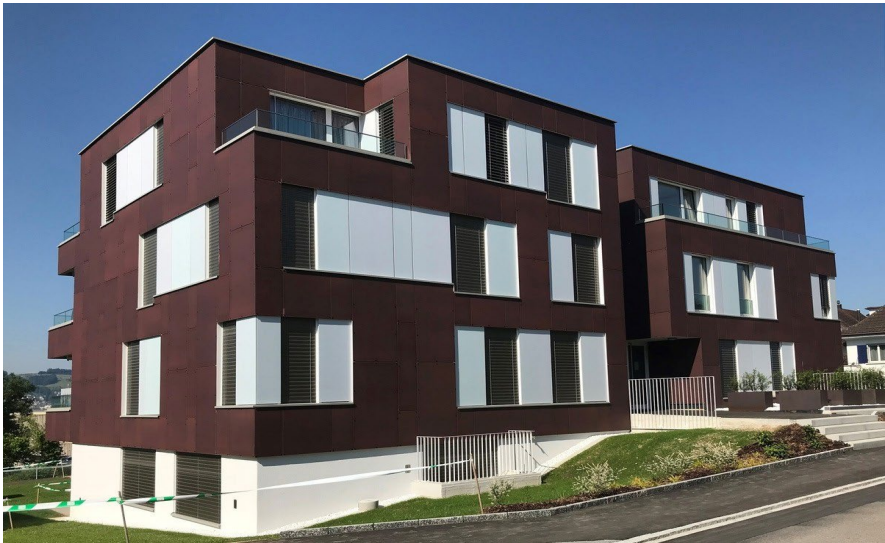
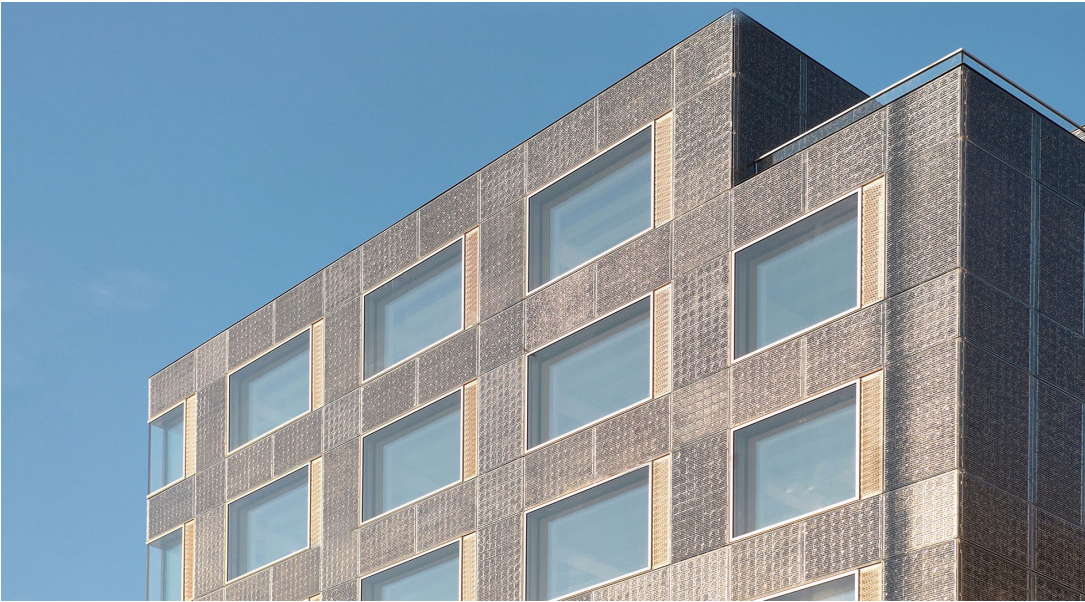
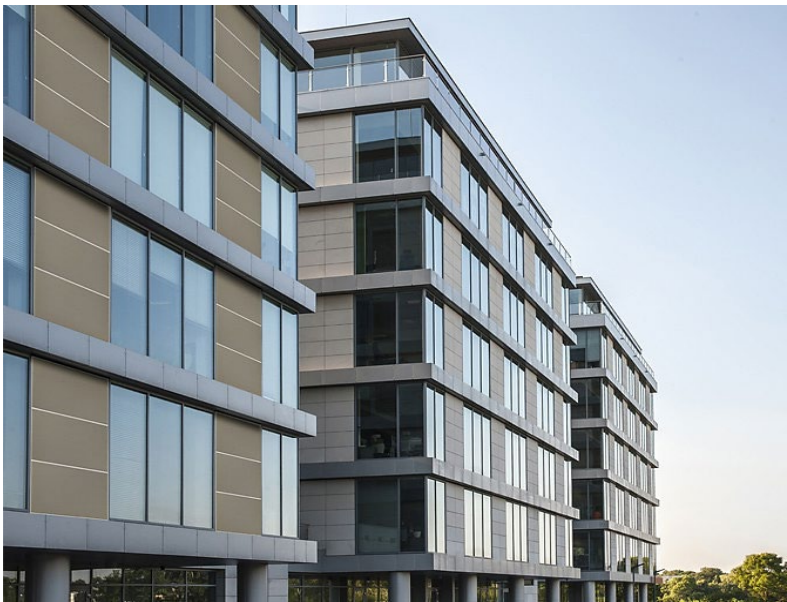
ICONIC AND ENERGETIC ARCHITECTURE



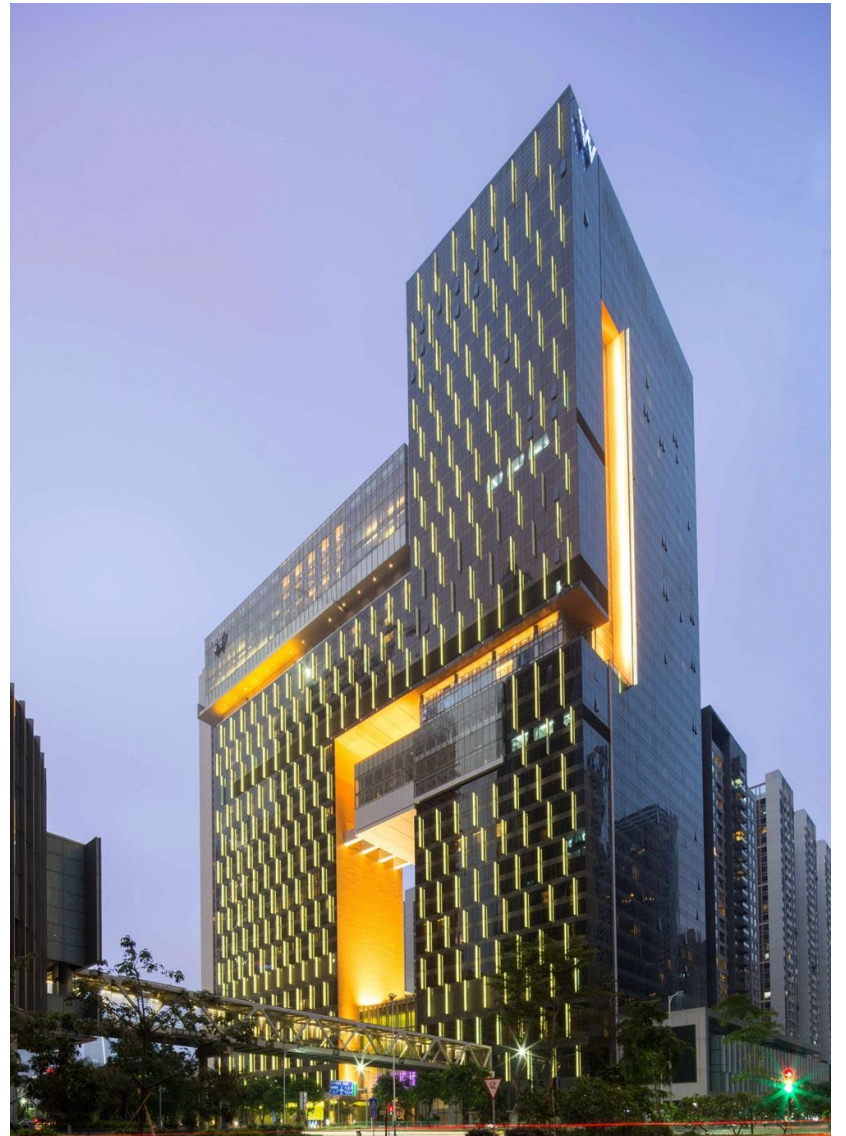
BIPV ITALY
Building Integrated PhotoVoltaic



CAPTIVATING FACADES



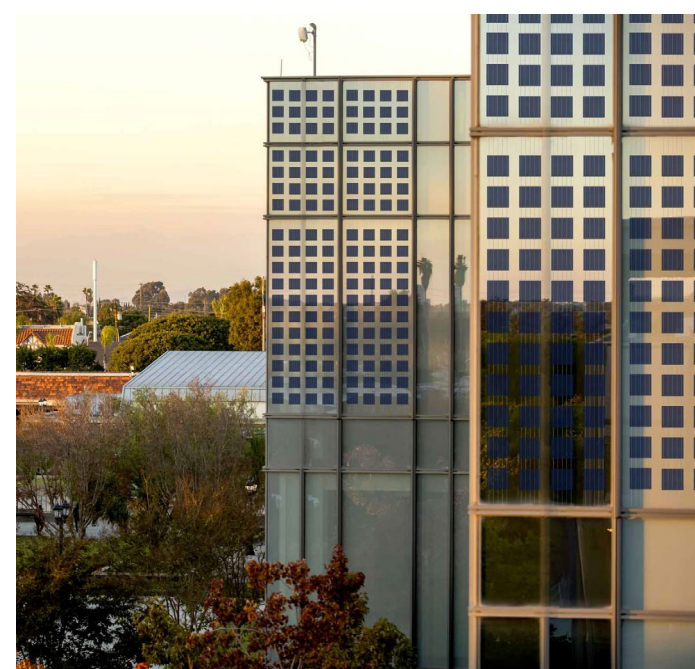
PHOTOVOLTAIC COATINGS



SOLAR GLASS G2G



BIPV ITALY
Building Integrated PhotoVoltaic



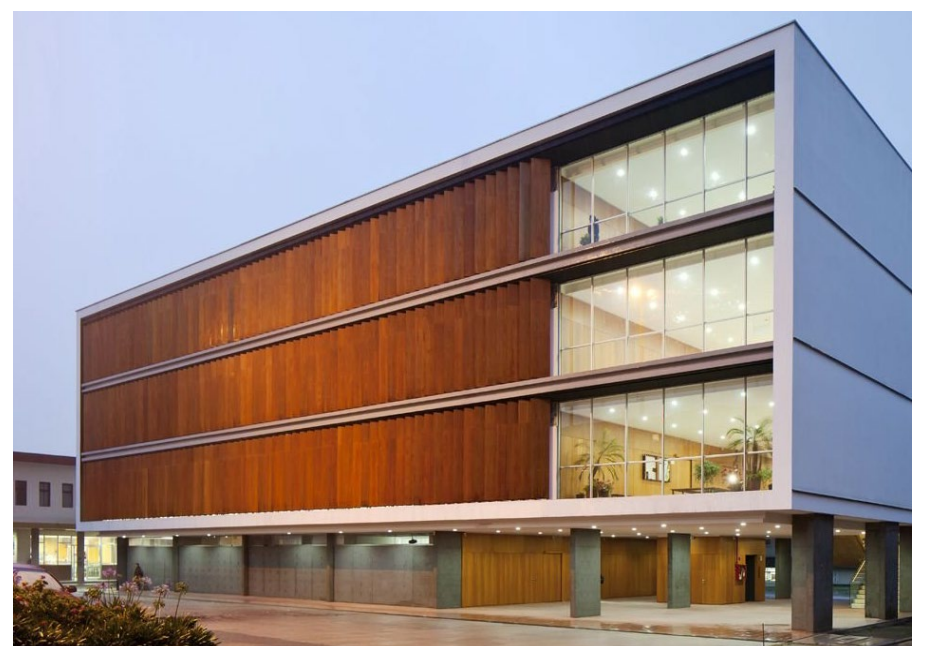
GLASS TO GLASS



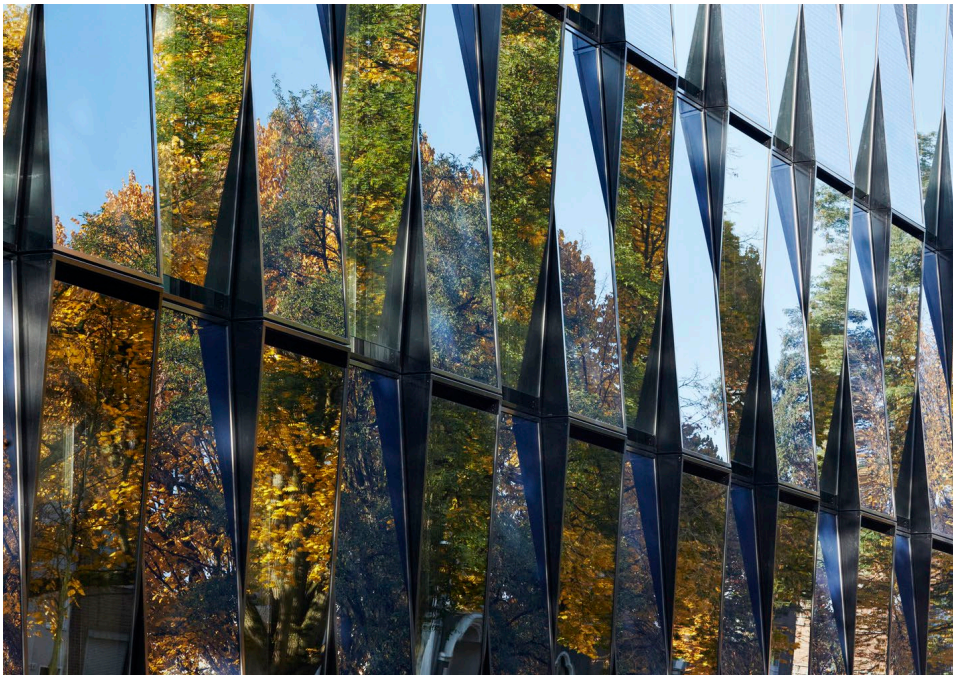
SUNSCREEN



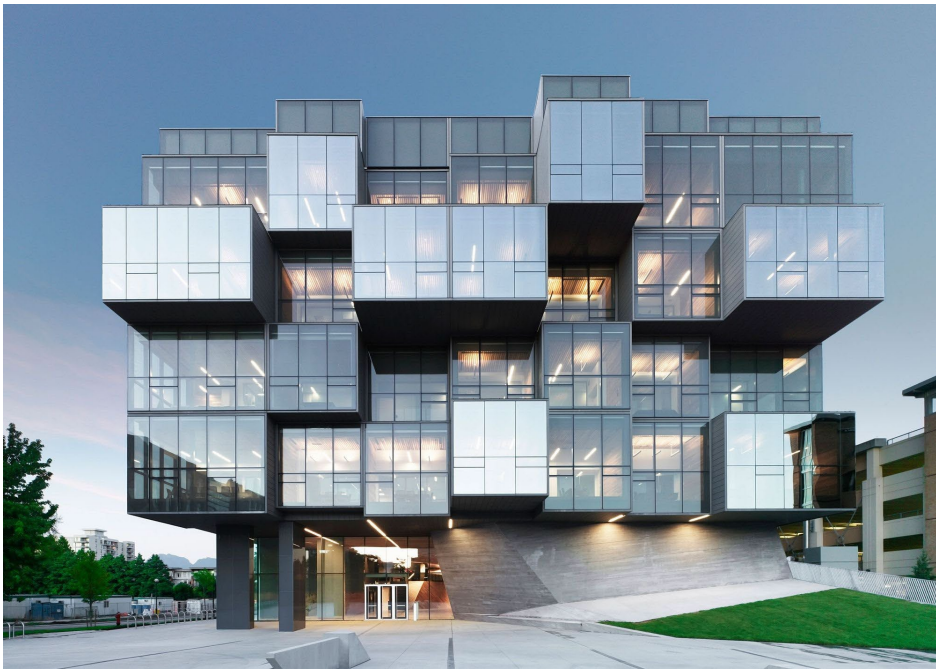
BIPV ITALY
Building Integrated PhotoVoltaic



REFLECTIVE BIPV



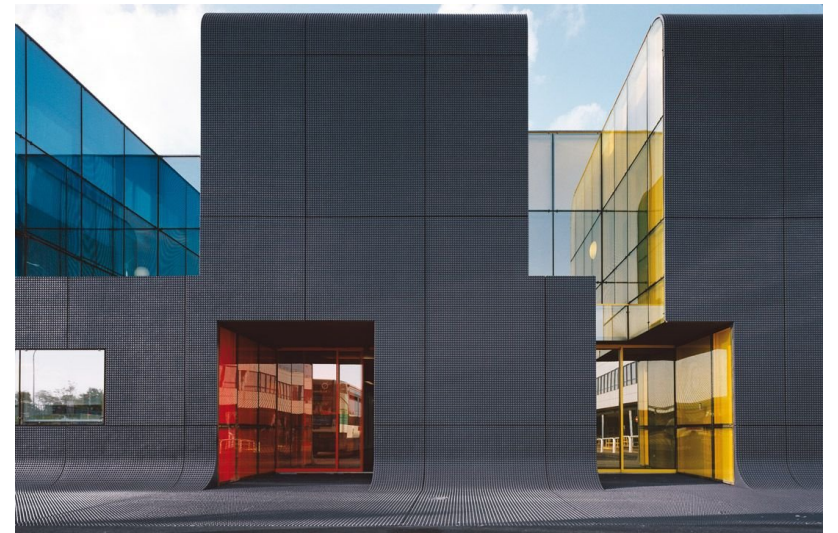
THREE-DIMENSIONAL BIPV



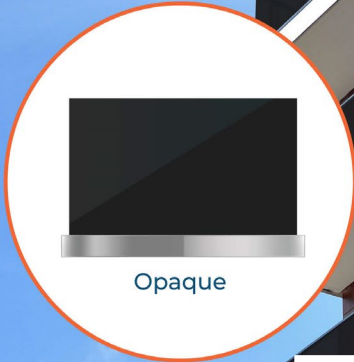
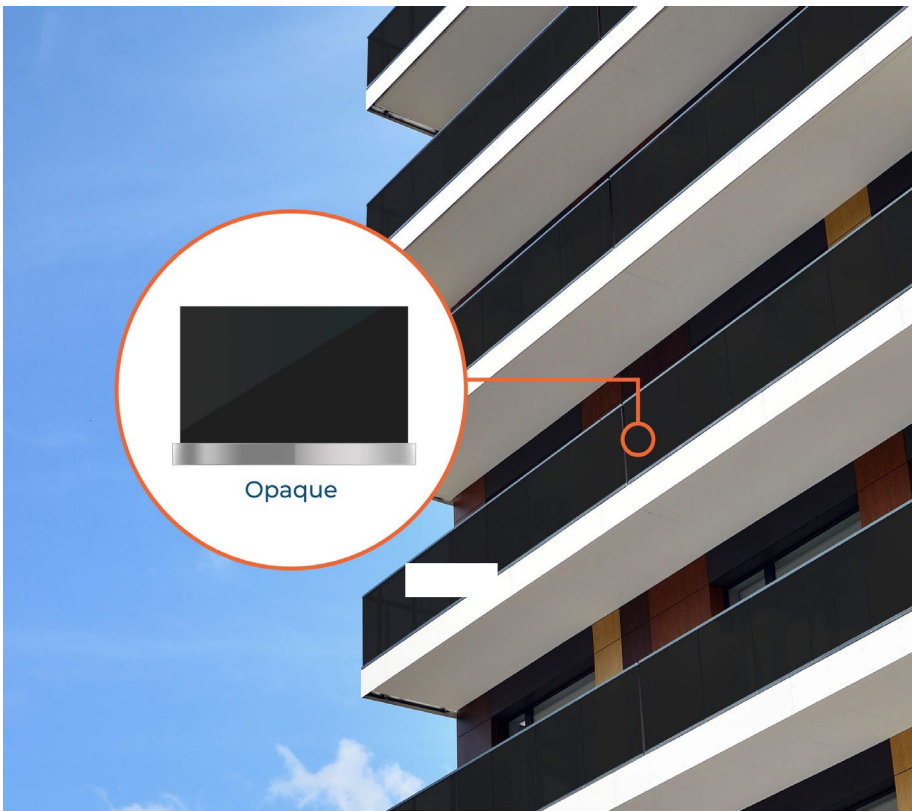
BIPV STYLE



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BALUSTRADES



OUTDOOR



ENERGY FLOORS



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Building Integrated PhotoVoltaic



FENCES - NOISE BARRIERS



BIPV ITALY
Building Integrated PhotoVoltaic



SHELTERS / CARPORT



BIPV ITALY
Building Integrated PhotoVoltaic



CAPTIVATING 3D ELEMENTS



BIPVITALY
Building Integrated PhotoVoltaic



TECHNOLOGIES



PRODUCTION PROCESSES





PRODUCTION AND QUALITY CONTROL

