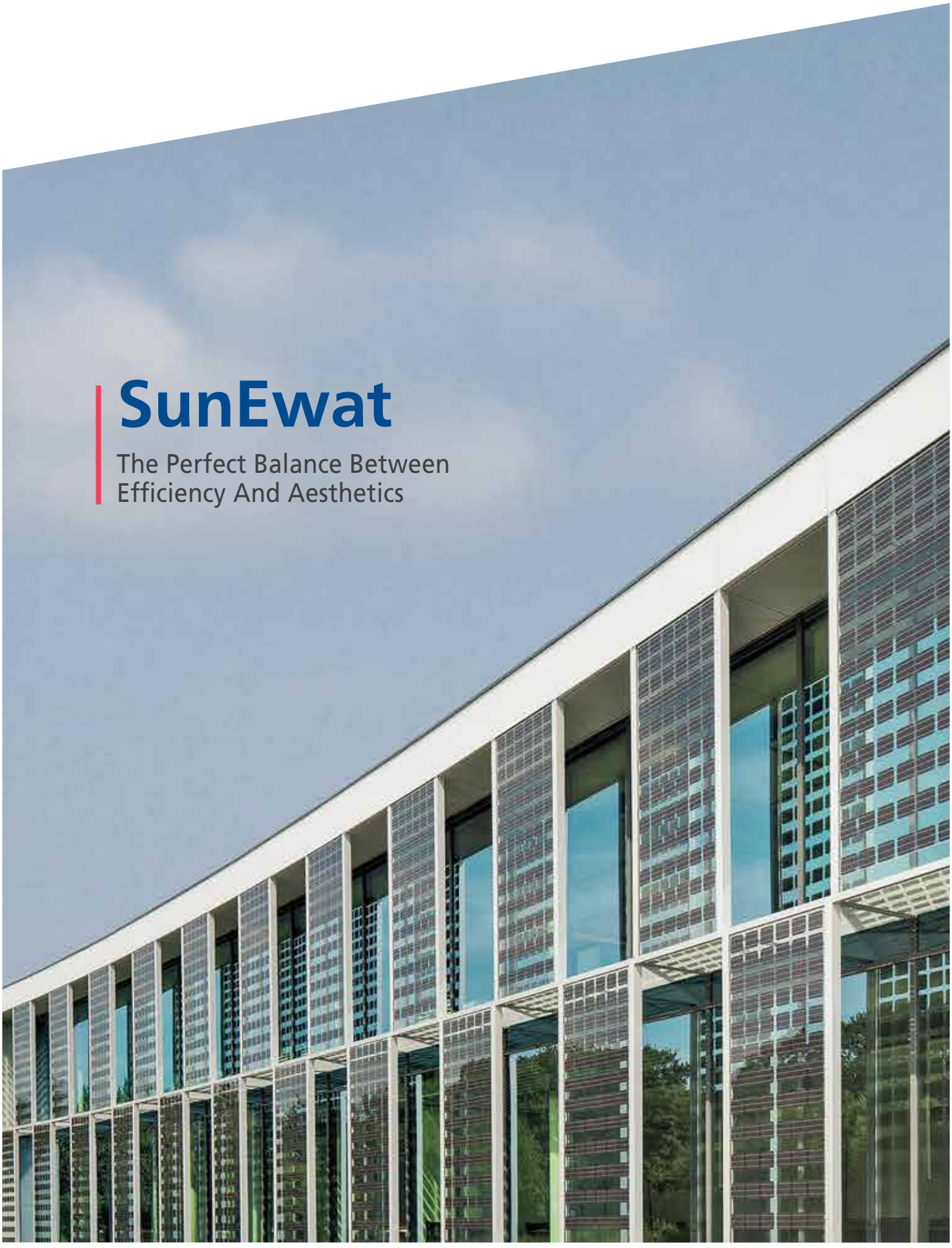
AGC
Your Dreams, Our Challenge

SunEwat

The Perfect Balance Between Efficiency And Aesthetics



SunEwat

The perfect balance between efficiency and aesthetics

SunEwat is AGC's energy generating glass solution, contributing to net zero energy building while providing seamless integrated designs into façades.

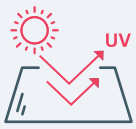
This Building Integrated Photovoltaics (BIPV) embedded smart glass boasts environmental performance and efficiency ratings consistent with nearly zero-energy building (NZEB) standards – all while delivering optimal thermal and acoustic comfort for occupants.

SunEwat allows for architectural creativity and customisation to be applied on various types and areas of façades with its full range of transparent and opaque glass options.

Product Features and Benefits

Protection against direct heat and glare

Protection against wind and rain



Protection against harmful UV rays

Acoustic insulation

Source for solar energy

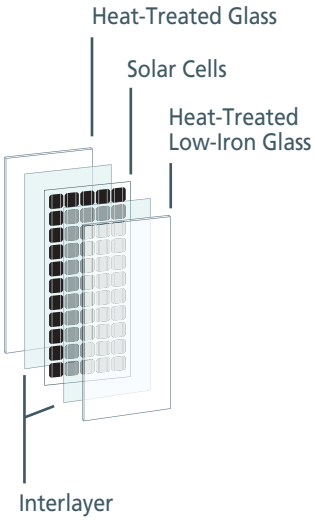
Thermal insulation

The Range of Building Integrated Photovoltaic Glazing

SunEwat Vision

Semi-transparent

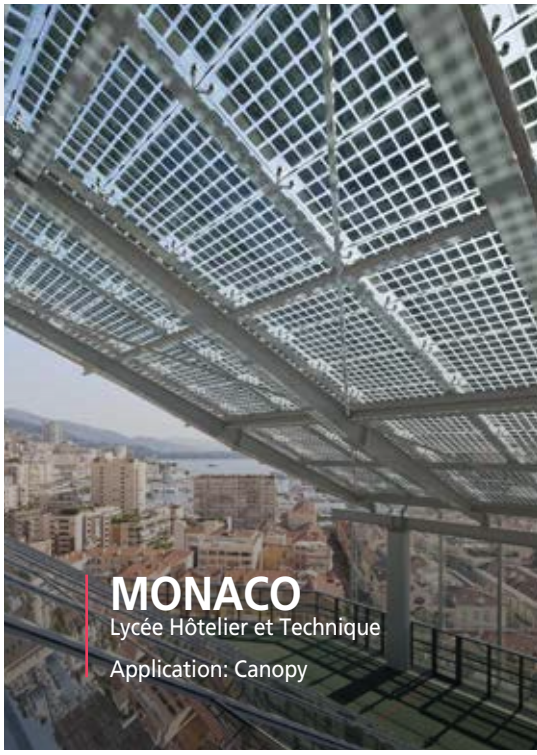
Semi-transparent range to allow for light penetration while still harvesting energy



Applications:
Façades, Canopies, Sunshades, Balustrades, Louvers, Skylights, Spandrels, Roofs, Sound Walls, Carports

Typical Wp/m²:
Max. 180

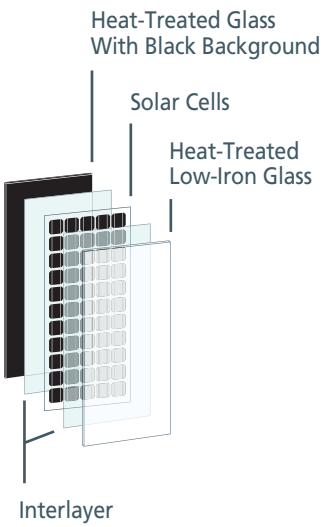
CO_2 Reduction:
^Approx 85kg per year per m²
^Amount of CO_2 reduction is for skylight application with grid emission factor of 0.408kg CO_2 per KWh



SunEwat Origin

Opaque

Photovoltaic cells are concealed by a black coated backing, integrating the glass fully with the façade



Applications:
Spandrels, Cladding, Balustrades

Typical Wp/m²:
Max. 180

CO_2 Reduction:
^Approx 48kg per year per m²
^Amount of CO_2 reduction is for façade application with grid emission factor of 0.408kg CO_2 per KWh

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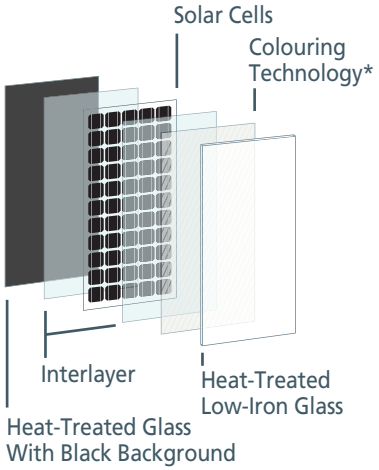
SunEwat Colour

Opaque

Coated on one side with Colouring Technology to customise any façade – colour on demand available



*special energy-transmitting technology

Applications:
Spandrels, Cladding, Roofs

Typical Wp/m²:
Max. 150

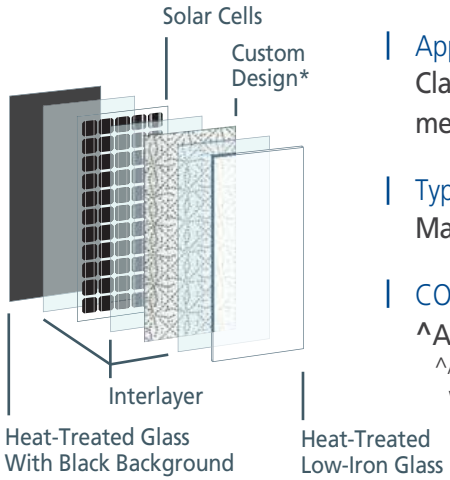
CO_2 Reduction:
^Approx 40kg per year per m²

^Amount of CO_2 reduction is for façade application with grid emission factor of 0.408kg CO_2 per KWh

SunEwat Design

Opaque

Photovoltaic material covered with a rasterised full-coloured visual, offering fully customisable design options for your façades



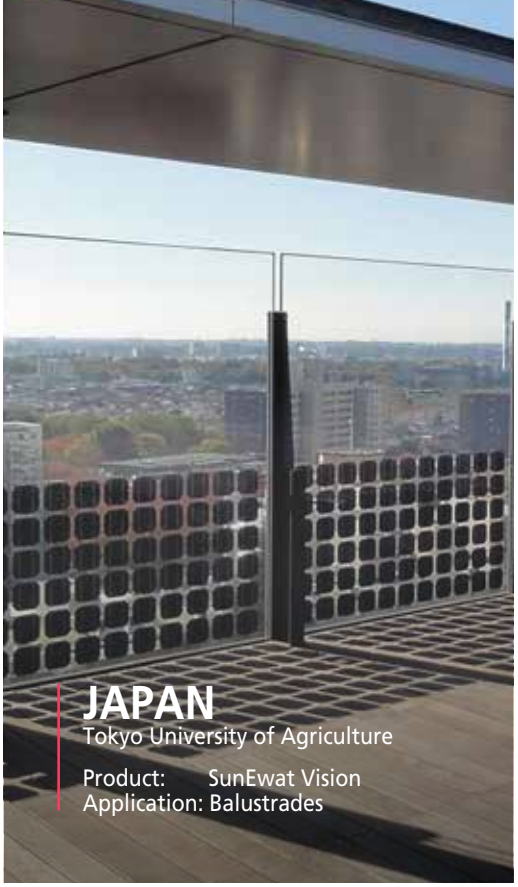
*special energy-transmitting technology

Applications:
Cladding, Corporate logos and messaging, Roofs

Typical Wp/m²:
Max. 150

CO_2 Reduction:
^Approx 40kg per year per m²

^Amount of CO_2 reduction is for façade application with grid emission factor of 0.408kg CO_2 per KWh



Personalised Support

An experienced AGC Glass project manager will be by your side to support you throughout your entire SunEwat project.

Design Stage

Glass composition parameters, aesthetically appealing glass module design, ultra-realistic simulation of cells, quick prototyping, ROI calculation.

Energy Study

Energy performance study, performance target evaluation, comprehensive study to reach NZEB standards.

Technical Services

Facade integration, full system design, installation supervision, commissioning and monitoring.

Certifications

SunEwat complies with international standards: IEC 61215, IEC 61730, EN 13501

BIPV MODULE WARRANTY	POWER OUTPUT WARRANTY	
Glass Delamination **10 Years**	Year **1 - 10** **90%** Guarantee	Year **11 - 20** **80%** Guarantee
Internal Condensation of IGU **10 Years***		

*Vertical application only.

AGC

Your Dreams, Our Challenge

With our Asia headquarters located in Singapore, AGC Asia Pacific is dedicated to provide solutions in the Architectural, Automotive, Industrial and Solar industry in the region.

As part of the global AGC group, we take pride in offering our customers a unique global network of experience & expertise with a one-stop integrated access to our wide range of world-class products and solutions that contributes to the global sustainable environment.

AGC Asia Pacific Pte Ltd
460 Alexandra Road, #32-01 mTower,
Singapore 119963

For more information:
agc-glassasia.com | aap.smartglass@agc.com
Tel: +65 6273 5656