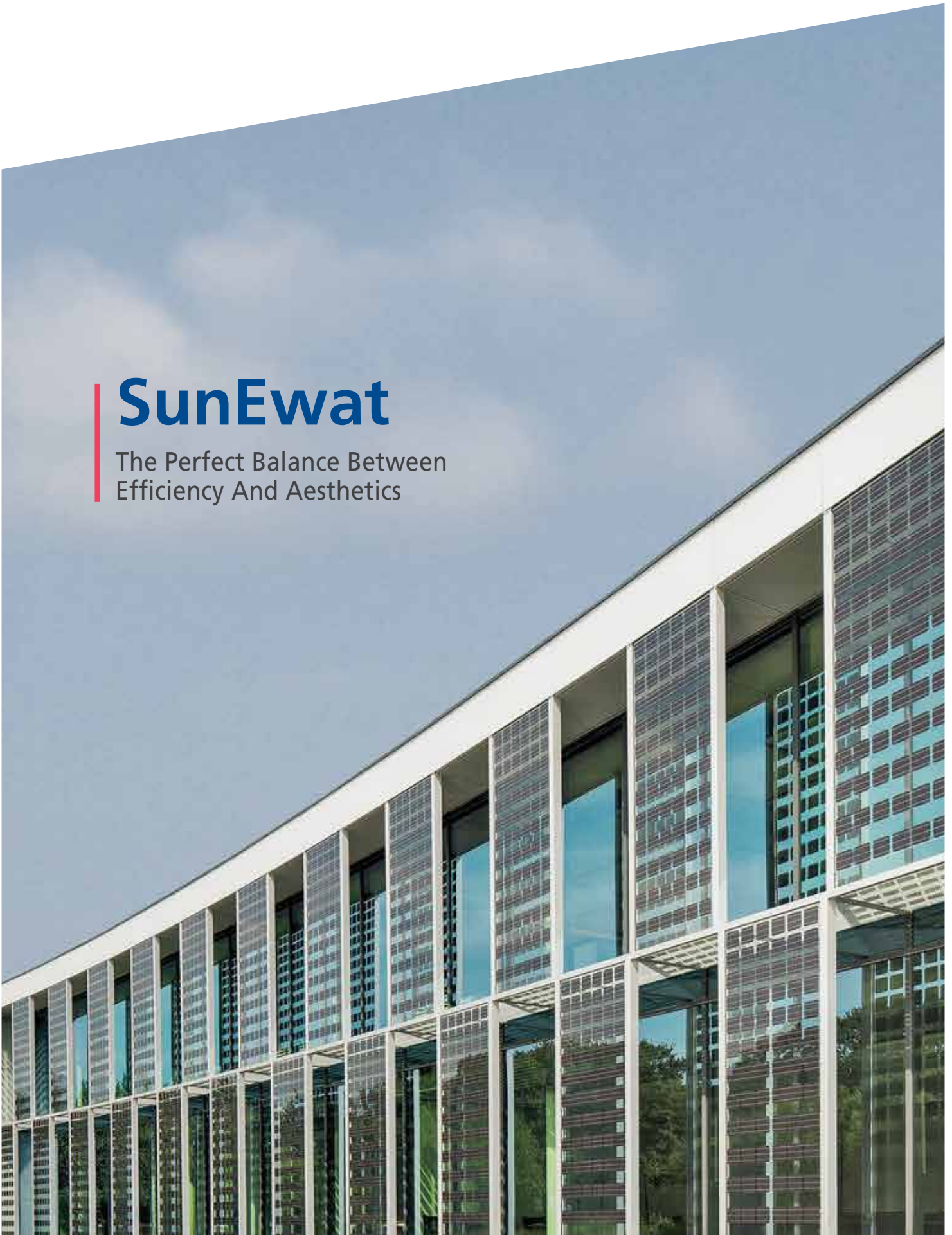


The logo for AGC, consisting of the letters 'AGC' in a bold, blue, sans-serif font. A small red square is positioned between the 'G' and 'C'.

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 carbon 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



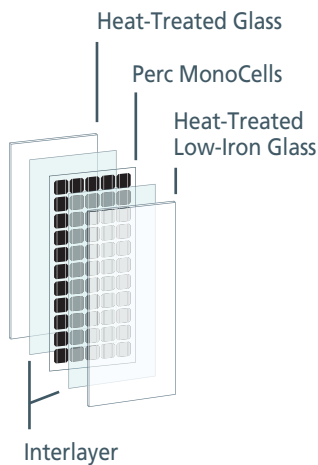
Thermal insulation

The Range of Building Integrated Photovoltaic Glazing

| SunEwat Vision

Transparent

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



| Applications:
Façades, Canopies, Sunshades,
Balustrades, Louvres, Spandrels,
Roofs, Sound Walls, Carports

| Typical Wp/m²:
Max. 180

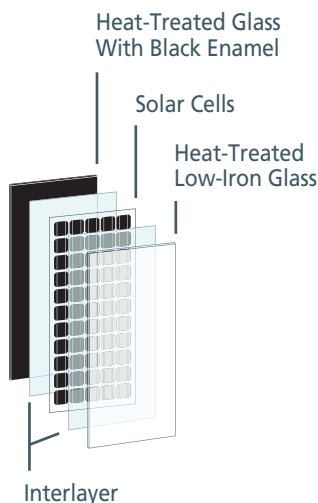
| CO₂ Reduction:
*Approx 85kg per year per m²
*Amount of CO₂ reduction is for skylight application
with grid emission factor of 0.408kg CO₂ per kWh



| 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

| CO₂ Reduction:
^Approx 48kg per year per m²
^Amount of CO₂ reduction is for façade application
with grid emission factor of 0.408kg CO₂ per kWh

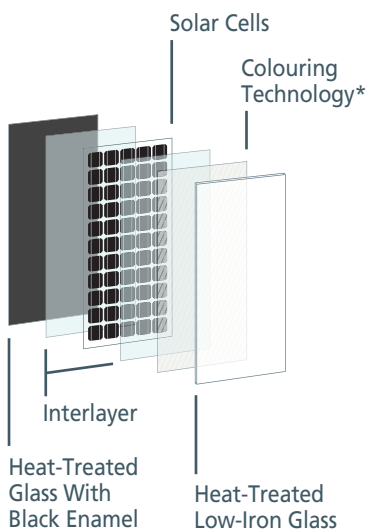


The Perfect Balance Between Efficiency And Aesthetics

I SunEwat Colour

Opaque

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



| Applications:
Spandrels, Cladding, Roofs

| Typical Wp/m²:
Max. 150

| CO₂ Reduction:
^Approx 40kg per year per m²
^Amount of CO₂ reduction is for façade application with grid emission factor of 0.408kg CO₂ per KWh



FRANCE

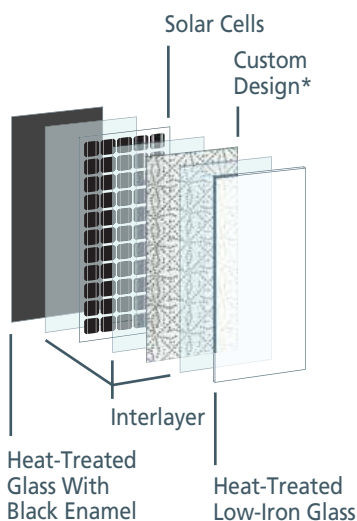
Tour Duo

Application: Roofs

I SunEwat Design

Opaque

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



| Applications:
Cladding, Corporate logos and messaging, Roofs

| Typical Wp/m²:
Max. 150

| CO₂ Reduction:
^Approx 40kg per year per m²
^Amount of CO₂ reduction is for façade application with grid emission factor of 0.408kg CO₂ per KWh



SOUTH KOREA

Geomdan Elementary School

Application: Design



SOUTH KOREA

National Institute of Biological Resources

Product: SunEwat Design
Application: Façades



JAPAN

Tokyo University of Agriculture

Product: SunEwat Vision
Application: Façades



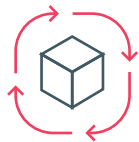
SINGAPORE

Dulwich College

Product: SunEwat Vision
Application: Skylight, Façades Fins

Personalised Support

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



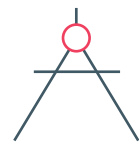
Design Stage

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.



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