

New Glass Configurator

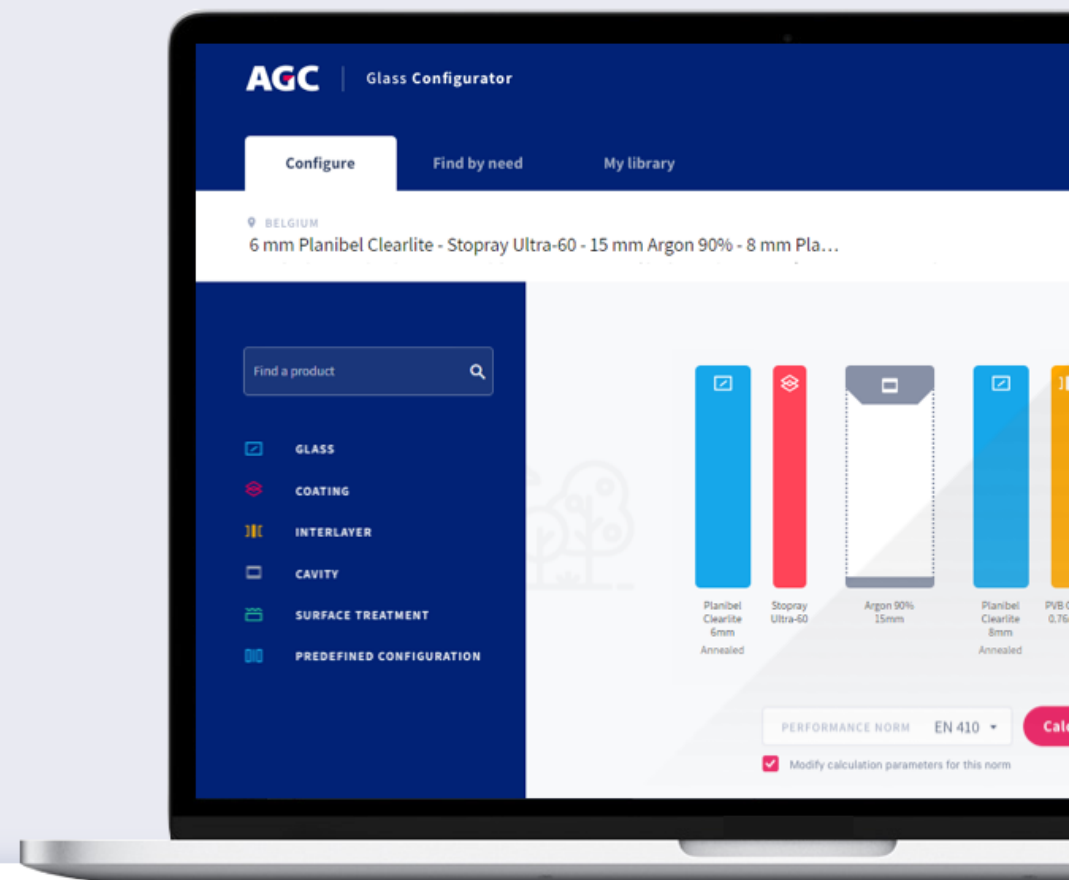
The essential tool to determine your glazing



Your Dreams, Our Challenge

The smart online tool for
experts in glass.

Start your project now





Generate reports including safety, energy, light and acoustic properties of your glass configurations



Download your personal glass performance data in PDF for easy sharing and storage



Save your unique glass configurations - access whenever you need them

The AGC Glass Configurator is a pioneering tool

- ✓ Compose your glass
- ✓ Compile detailed reports
- ✓ Store your configurations



01

Create **faster**

Start with one of our preset configurations, or drag and drop components until you get your perfect glass



Start by dragging components from the catalog on the left or pick a preset template

01

Create **faster**

Start with one of our preset configurations, or drag and drop components until you get your perfect glass



Start by dragging components from the catalog on the left or pick a preset template



Single glazing



Double glazing



Triple glazing



Configure Your Product

01

Create faster

Get recommendations according to your needs - the tool suggests preset combinations to fit specific requirements

LOCATED IN **BELGIUM**

Thermal insulation 10

Acoustic insulation

Fire protection

Shop Windows

Solar protection

Sound reduction

Security

Safety

AGC Glass Configurator offers a wide range of pre-defined compositions solving the most common problems you can encounter in your project.

Thermal insulation

The performance of thermally insulating glazing is reliant not only upon performance characteristics, but also the suitability of the glass specified to its installed location. That's why AGC has selected the best performing glasses for specific conditions.



Iplus top 1.1

COMPO 4 - 15 AR90% - 4

[View composition](#)

★



Iplus Advanced 1.0

COMPO 4 - 15 AR90% - 4



Energy light

COMPO 6 - 16 AR90%

Recommended for
Moderate weather con

73
LT

14
LR

51
ER

22
SF



Planibel

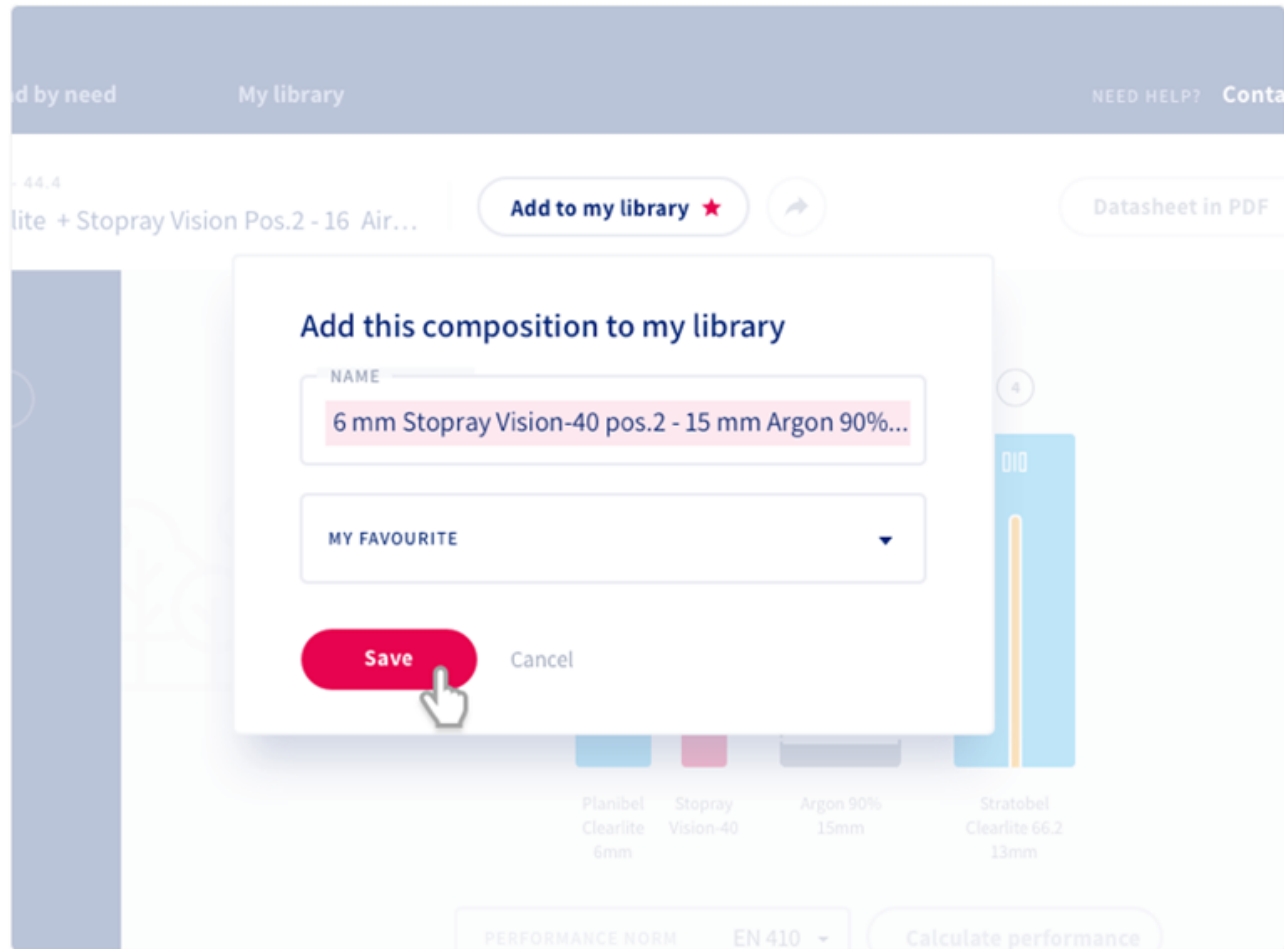
COMPO 4 - 15 AR90%

Find Your Product by Needs

01

Create **faster**

Save your configurations into
Projects for easy export

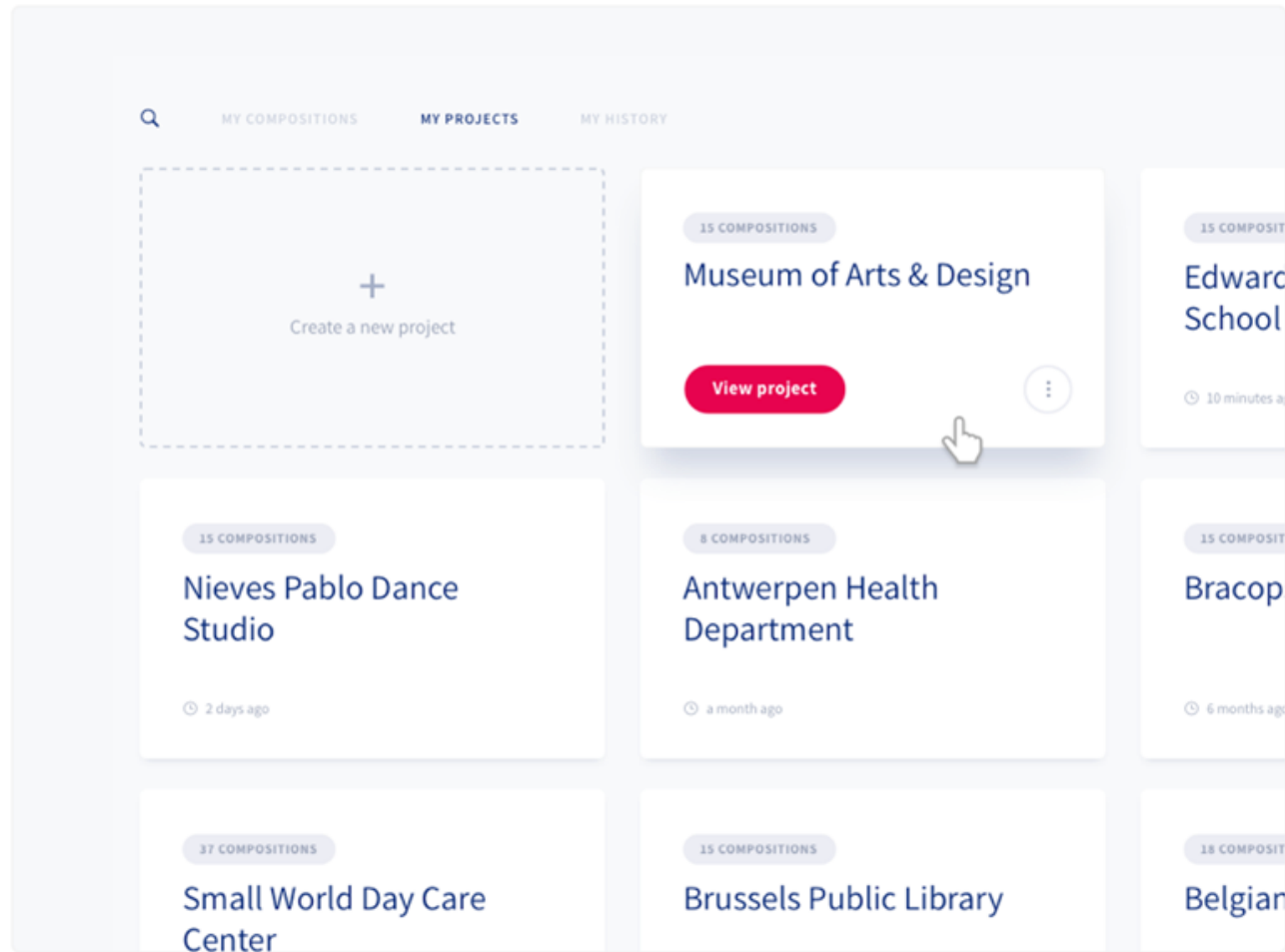


Add the Configuration to Your Library

01

Create **faster**

Start a new configuration from any saved configuration - reuse and redevelop your favourite configurations

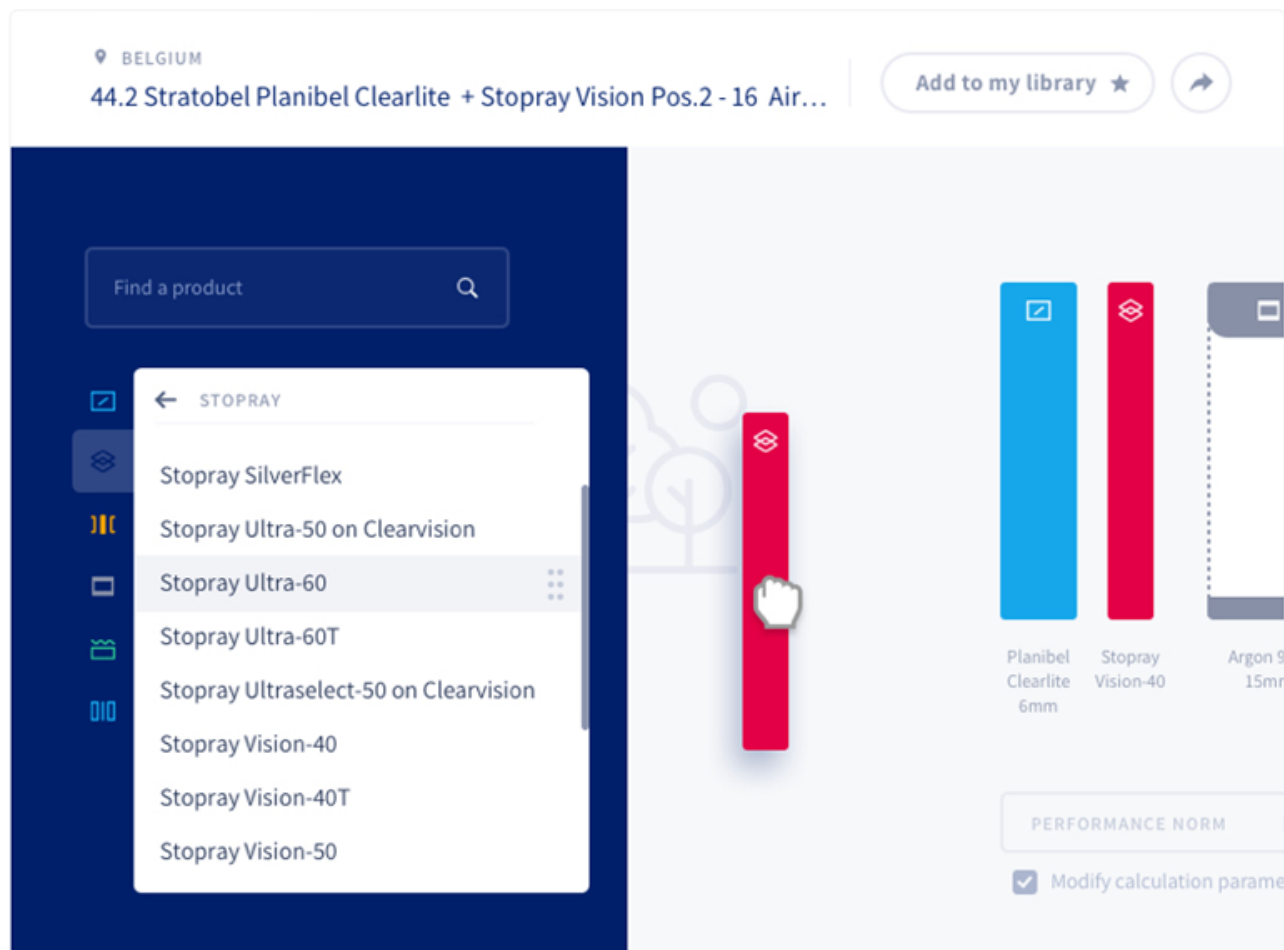


My Library

01

Create **faster**

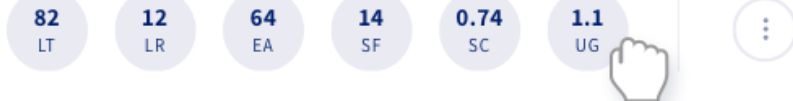
Creating the perfect glass for your projects has never been easier - use glass to its full potential in windows, balconies, balustrades, floors and more, and ensure you choose exactly the right technical specifications for optimum performance.



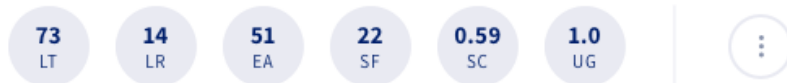
Fast, Easy & Smart

4.4

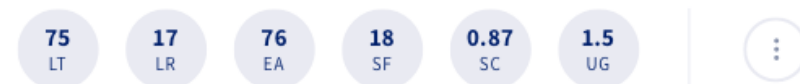
earlite + Stopray Vision Pos.2 - 16...



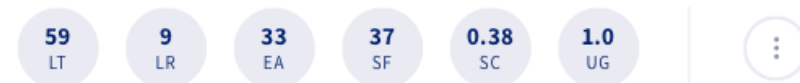
red O - 6 Krypton 90% - 19.1 Pyr ...



- 8 Blackpearl - 6 Krypton Black ...



19.1 Pyrobel 19H - Matelux Light ...



02

Instant access

Unlimited storage of your
configurations and projects

Organise your glass
configurations in your private
library

Safe and secure

Access Your Library at **any time**

03

Glass performance reports **all in one place**

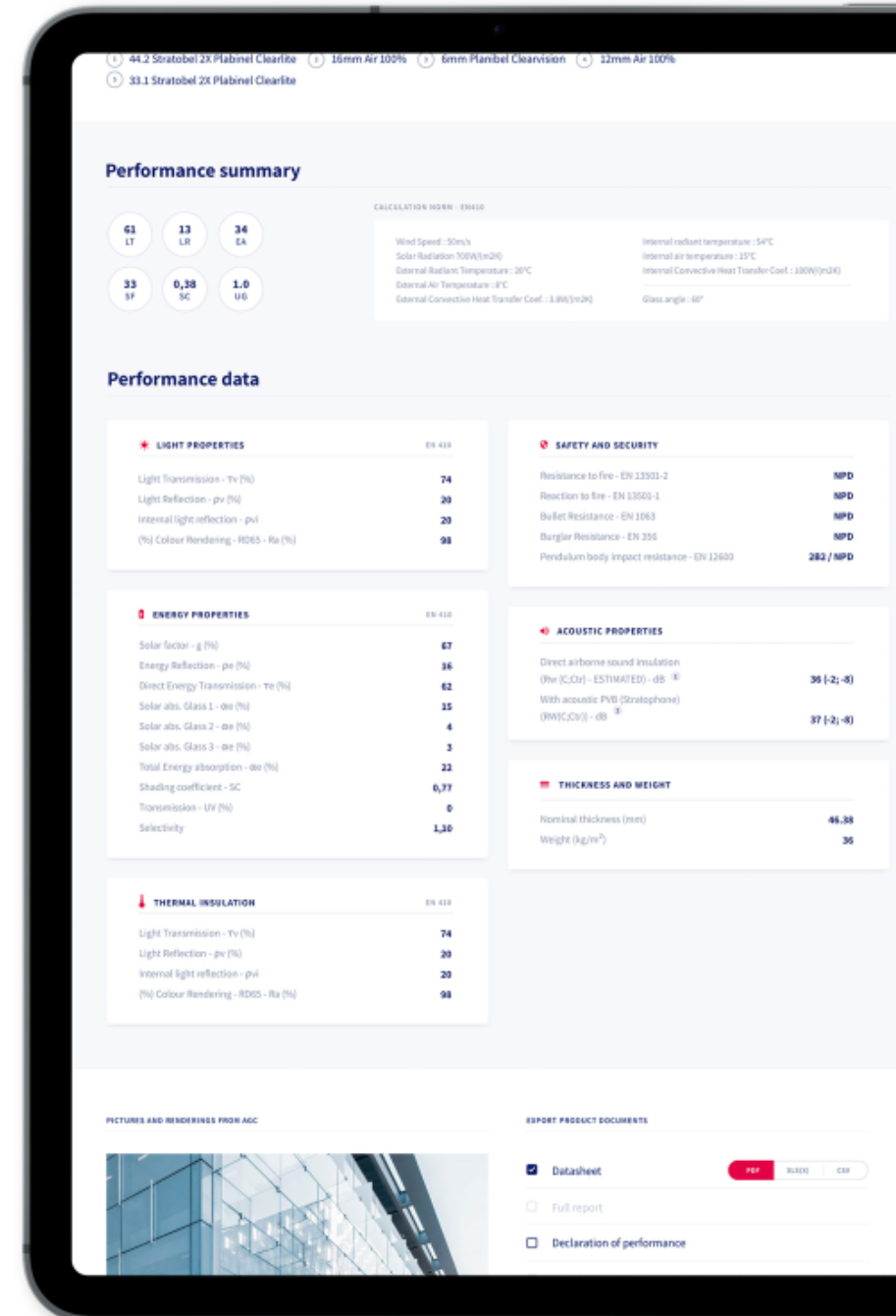
Get quick access to detailed reports on your unique glass composition

Performance data adapted to the standards of your region

Download reports as PDF, easily shared and stored

Enjoy a clear and state-of-the-art layout

Create Datasheets & Declarations of Performance



Glass performance report for already produced glazings

Glass identity

BY SPACER DETAILS

BY ORDER DETAILS

BY PRODUCT CODE

Enter the code found on the glass panels spacer ?

Spacer code

NOW141-0097581901-014

Go

Enter the code found on the glass panels' spacer.

1 Planibel blank 5mm

2 ARGON 90 %

3 iplus Top 4mm

Spacer code: NOW1410097581901014

Product information

80
LT

62
SF

12
LR

12
LRint

0.71
SC

1.3
Ug

Invoice Date: 30/06/2014

Product: THERMOBEL TOP

Structure: 5 - 12 argon 90 % - 4 mm

Base: 1482 mm

Height: 1764 mm

Declaration of Performance

Connect to the **world of AGC**

The only source for official up-to-date AGC product information

Personalise your project with high quality imagery from AGC's libraries - real life photos or 3D renders

Develop your projects using other smart AGC tools and explore new features



Available documents & functionalities

Documents

- ▶ Performance data sheet
- ▶ Declaration of performance

Easy access to

- ▶ Architectural Glass Visualiser
- ▶ Glass identity



Calculated by Thomas Biquet
Calculated on 23/01/2019 à 18:05:49
Country Belgium
Personal note

① 6 mm Planibel Clearlite Annealed ② 6 mm Argon 90% ③ 6 mm Planibel Clearlite Annealed

Glass Performances

☀ Light properties - EN 410

Light Transmission - τ_v	81
Light Reflection - ρ_v	14
Internal light reflection - ρ_{vi}	14
Colour Rendering - RD65 - Ra	98

🔥 Energy properties - EN 410

Solar factor - g	77
Solar Energy Reflection	13
Solar Energy Reflection Prime	13
Solar Energy Transmission - τ_v	73
Solar Energy Absorption 1 - α_e	12
Solar Energy Absorption 2 - α_e	6
Solar abs. Glass - α_e	14
Shading coefficient - SC	0.89
UV Transmission - UV	49
Selectivity	1.04

🌡 Thermal properties - EN 673

Ug - W/(m².K)	3.0
---------------	-----

🔊 Acoustic properties

Acoustic Properties	NPD
---------------------	-----

🛡 Safety properties

Resistance to fire	NPD
Reaction to fire	NPD
Bullet Resistance	NPD
Burglar Resistance	NPD
Pendulum body impact resistance	NPD
Explosion resistance	NPD

Technical specifications

Light, Energy & Weight properties

	EN	NFRC	ISO	JIS
Light properties	EN 410 (2011)	NFRC 200 (2004)/300 (2014)	ISO 9050 (2003)	JIS 3106 (1998)
Energy properties	EN 410 (2011)	NFRC 200 (2004) /300 (2014)	ISO 9050 (2003)	JIS 3106 (1998)
Thickness & Weight				

Technical specifications

Thermal Properties (U)

	EN	NFRC	ISO	JIS
U	EN 673 + France Summer/Winter	NFRC 100-2010 (summer / winter)	ISO 10292 (1994)	JIS 3107 (1998)
U Roof @ fixed angle (0,10,20,30,45,60)	EN 673 (2011)	⊗	ISO 10292 (1994)	⊗
U @user defined angle	EN 673 (2011)	⊗	ISO 10292 (1994)	⊗
U @user defined environmental conditions	EN 673 (2011) + Russia (6 cities)	⊗	ISO 10292 (1994)	⊗
U for Open airgap	⊗	⊗	⊗	⊗

Technical specifications

Thermal Properties (Solar factor)

	EN	NFRC	ISO	JIS
SF / SHGC	EN 41(2011) + France	NFRC 100 (2014)- 200(2004)	ISO 9050 (2003)	JIS 3106 (1998) summer / winter
SF @ fixed angle (0,10,20,30,45,60)	⊗	⊗	⊗	⊗
SF @user defined angle	⊗	⊗	⊗	⊗
SF @user defined environmental conditions	⊗	⊗	ISO52022	⊗
SF for Open airgap	ISO52022	⊗	ISO52022	⊗

Technical specifications

Acoustic & Safety properties

	EN	NFRC	ISO	JIS
Acoustic properties	EN 12758	⊗	⊗	⊗
Resistance to fire	EN 13501-1 EN 13501-2	⊗	⊗	⊗
Bullet resistance	EN1063	⊗	⊗	⊗
Burglar resistance	EN 356	⊗	⊗	⊗
Explosion resistance	EN 13541	⊗	⊗	⊗
Pendulum impact	EN 12600	⊗	⊗	⊗

Technical specifications

Products / functionalities not yet compatible with the Glass configurator

- ▶ Halio
- ▶ Fineo
- ▶ BIPV / BIOPV
- ▶ Partially silkscreen-printed glass – user defined % coverage
- ▶ (Venitian) Blinds integration

For details please contact romania@eu.agc.com

thank you
