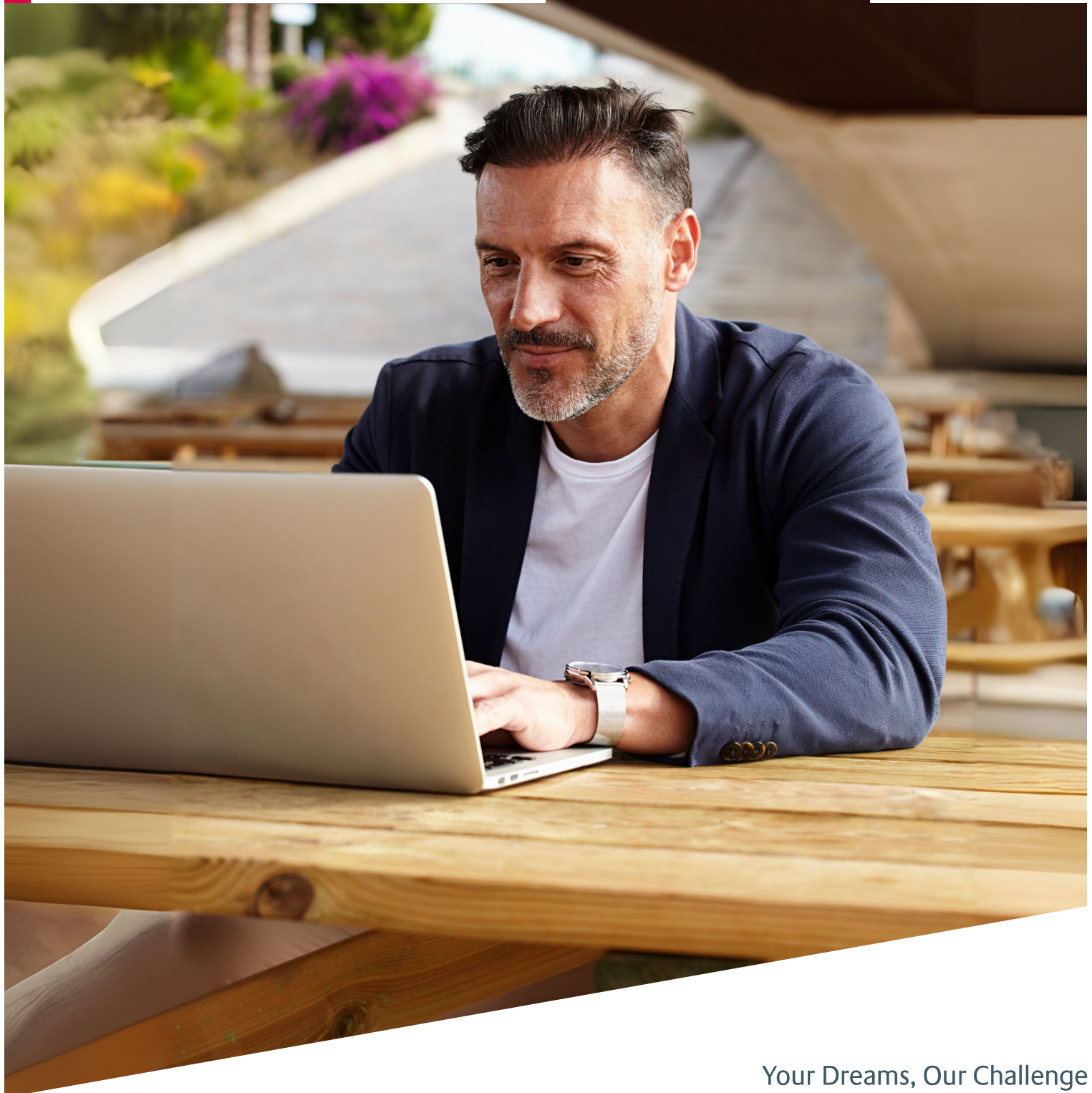


Glass **Configurator**

Use our Search by Performance
feature to find products more easily!

AGC

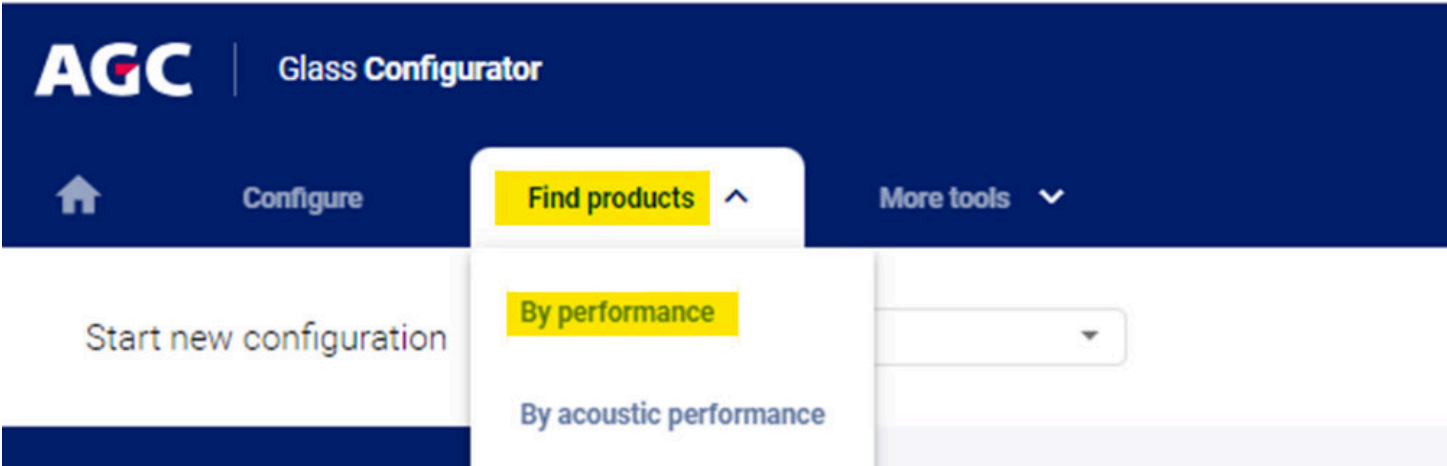


Your Dreams, Our Challenge

We are pleased to introduce an exciting feature enabling you to search for glass products based on your desired specifications.

Typically, when using the Glass Configurator you first construct the desired glazing, after which the system calculate its performance. The downside with this approach is that you often have to input several different configurations before achieving the desired performance. But now, with this feature, you can directly search for a solution based on a series of parameters, including energy and light properties, safety characteristics, noise reduction and even structure.

To access this feature click **By performance** in the **Find products** dropdown menu in the Glass Configurator main menu.



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How to use this feature

Select the type of glazing you want (single, double or triple) or enter the desired thicknesses directly using the structure code. For example 6-16-44.2 indicates a double glazing unit comprising a 6mm outer glass sheet + a 16 mm gas-filled space + and an inner glass sheet made of 44.2 laminated glass.

STRUCTURAL PROPERTIES

Enter a structure configuration or choose a structure code

Structure configuration

Double

Total thickness [mm]

2.0 1774.3

Structure code

Examples: 6-15-4 or 8-15-66.2 or 6-16-44.2st

Set the **Key Properties** to make the search as targeted as possible.

KEY PROPERTIES

Light transmittance - τ_v [%]

0100

Internal light reflection - ρ_{vi} [%]

095

Solar factor - g [%]

195

Shading coefficient - SC

0.011.09

External light reflection - ρ_v [%]

095

Thermal transmittance (vertical) - U_g [W/(m²·K)]

0.25.8

Clear filters

Clear all filters

Show results

If necessary, you can also select other **Advanced Properties**:

Advanced properties

ENERGY PROPERTIES

ACOUSTIC PROPERTIES

SAFETY PROPERTIES

COLOUR PROPERTIES

Now click **Show Results** and the Glass Configurator will display a list of configurations that meet your criteria. You can use filters to further refine your search criteria and the results will be updated dynamically.

Use **Filter by Composition** to search by text. This is very useful if, for example, you want to search only for solutions that contain a certain product.

You can now define a precise value for each property in the results table. As you do this, the list of proposed solutions will update dynamically. Click the **Actions** button to add up to two additional columns of properties, chosen from all the properties available in the Glass Configurator.

Results that match the constraints

You will find the compositions with glass property results that match your search criteria in the table below. Click on the composition name to view its details.

Filter by composition					
LT [%]	SF [%]	LRext [%]	LRint [%]	SC	Ug [W/(m².K)]
Any	Any	Any	Any	Any	Any
6 mm Energy 70/37 on Bronze pos.2 - 16 mm Argon 90% - 4 mm Planibel Clearlite					
40	23	7	13	0.26	1.0
6 mm Energy 70/37 pos.2 - 16 mm Argon 90% - 4 mm Artlite on Planibel Clearlite with 50% black silk screen printing pos.4					
36	35	11	8	0.40	1.0

"Once you've found the solution, click on it to return to the main screen. The selected composition will already be displayed, at which point you can click on **Calculate** to obtain all technical data, colour renderings, EPD reports, etc."