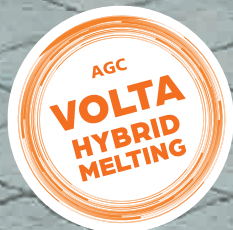




IMAGIN

Sustainable patterned glass
range

AGC



Your Dreams, Our Challenge

AGC Glass Europe introduces...



...its patterned glass range



IMAGIN

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A sustainable product offering many benefits

— IMAGIN —

You can leverage the products in AGC's Imagin patterned glass range to play with textures and dimensions. Different patterns allow you to strike the right balance between privacy and light transmission. Some designs can be thermally tempered, while others can be assembled in insulating double glazing or into laminated glass for enhanced security. Our back-painted products will add a new dimension to your furniture and walls, bringing out the aesthetics and character you want to emphasise.

AGC's patterned glass range is produced in the Volta furnace at our Brevka plant in Dubí, Czech Republic. This innovative hybrid furnace – 50% electric and 50% fired by an oxygen-gas combination – not only leads to a significant reduction in direct CO₂ emissions, but also supports circularity by using a much higher proportion of recycled materials than typical in the industry.

The Imagin range is available in 4 different finishes (clear, mat, wired and back-painted) and can be used in a wide range of applications. It offers 22 standard patterns and more than 50 patterns on request, as well as a wide range of sizes and thicknesses.



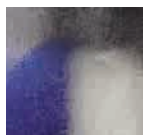
A wide range of products and dimensions

— IMAGIN —

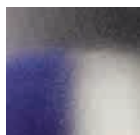
CLEAR RANGE



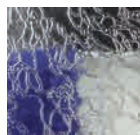
33/33



Chinchilla



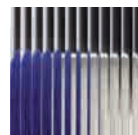
Crepi



Delta



Dominos



Flutes



Glamatt*



Gothic



Kathedral Klein



Kura



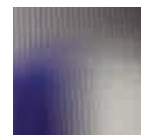
Patterned 130



Raywall 45

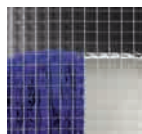


Raywall 90T

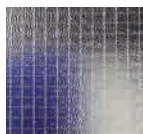


Screen

WIRED RANGE



Wired 0 1/2

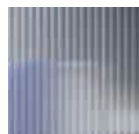


Wired S 1/2

MAT RANGE



Delta Mat

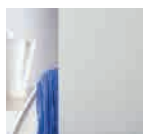


Flutes Mat

BLACK-PAINTED RANGE



Flutes Black
Classic 9005



Flutes White
Light 9003**



Raywall 90 Black
Classic 9005



Raywall 90 White
Light 9003**

For the exact availability of each pattern, colour, thickness and/or size, please contact your local sales representative and check the product catalogue at <https://product-catalogue.agc-yourglass.com/en>

Other patterns are available on request. Please consult your AGC representative.

* Available in 2 mm thickness for anti-glare picture frame application.

** Note: Imagin Flutes White Light 9003 and Imagin Raywall 90 White Light 9003 do not match Lacobel White Pure 9003, since the substrate used is not the same.

Different finishes...

IMAGIN CLEAR unlimited design options

- **Imagin Clear's translucence** is determined by the structure and design of the pattern in question. Choose from among the different patterns available to create the level of privacy you want. Imagin offers a wide range of standard and on-request patterns to meet all needs.
- Applications: furniture, partitions, shower screens, doors, facades, windows, roofs.



Tip: Thermally toughenable patterns available in 8 mm, such as Imagin Dominos and Raywall 90T, are ideal for shower enclosures.

Imagin Dominos

...for different applications

IMAGIN MAT enhanced privacy

- **Imagin Delta Mat and Imagin Flutes Mat**
both feature a high-quality satin finish. They deliver enhanced privacy and excellent light transmission, the exact percentage of which depends on the thickness of the glass. AGC's industrial acid-etching treatment is subject to rigorous quality controls, ensuring uniformity and stability. Imagin Mat products are stain-resistant, making them easy to clean and maintain.
- Applications: furniture, partitions, doors, facades, windows, roofs.

Tip: Inspired by nature, patterns such as Imagin Delta and Imagin Delta Mat combine perfectly with other textured materials, including concrete, stones and zellige tiles.



Imagin Delta Mat and Imagin Delta

Different finishes...

IMAGIN WIRED fire-retardant glass

- As the name implies, **wired glass** features wire mesh embedded in the glass during the production process. It is manufactured primarily as a fire-retardant to prevent the glass from shattering and breaking under stress or when exposed to high temperatures. The glass keeps the fire at bay, protecting people from the harmful effects of smoke and flames. The industrial look dovetails perfectly with current trends in loft interiors and minimalist design. The standard products, Imagin Wired 0 ½ and Imagin Wired S ½, are rated E30 according to EN 13501-2*.
- Applications: furniture, partitions, doors, facades, windows, roofs, fire-resistant barriers.

*The fire resistance properties of wired glass are given for information purposes only for the glass itself. Fire resistant glass must only be used as part of a fire resistant glazing system with appropriate and relevant test evidence of its performance.

Tip: Combined with other materials such as concrete, wood, metal and brick, wired patterned glass can give an industrial look to your interior.



Imagin Wired 0 ½

...for different applications

IMAGIN BACK-PAINTED adding a touch of colour

- **Imagin Back-Painted** is clear patterned glass featuring a high-quality paint on one side. The paint is industrially applied to the glass, delivering a uniform glossy appearance. Imagin Back-Painted products offer versatile design options for use in applications such as kitchen furniture and hotel lobby wall cladding. Imagin Back-Painted is covered by a five-year warranty if it is installed using our FIX-IN glass bonding solutions.
- Applications: furniture cladding, wall cladding, interior doors.



Technical specifications

— IMAGIN —

	Toughenable	Can be laminated	Can be assembled in insulating glass unit
33/33	✓	○	✗
Chinchilla	✓	✓	✓
Crepi	✓	○	✓
Delta	✓	○	✓
Dominos	✓	○	✓
Flutes	✓	○	✓
Glamatt	✗	○	✗
Gothic	✓	○	✓
Kathedral Klein	✓	○	✓
Kura	✓	○	✓
Patterned 130	✓	○	✓
Raywall 45	✗	○	✓
Raywall 90T	✓	○	✓
Screen	✓	○	✓
Wired 0 1/2	✗	✗	✓
Wired S 1/2	✗	✗	✓
Delta Mat	✓	○	✓
Flutes Mat	✓	○	✓
Flutes Black Classic 9005	✗	✗	✗
Flutes White Light 9003	✗	✗	✗
Raywall 90 Black Classic 9005	✗	✗	✗
Raywall 90 White Light 9003	✗	✗	✗

○ We strongly recommend having a lamination test carried out before the first production run.
Lamination is possible when using at least four PVB or EVA interlayers.

For the complete technical properties for each pattern, please consult the AGC factsheets at www.agc-yourglass.com.

Technical specifications for our Imagin Back-Painted range

— IMAGIN —

What are your processing options?			Pay attention to...
Safety	Toughening	No	SAFE+ film (available at www.agc-store.com) can be applied by the processor.
	Lamination	No	
	SAFE+ film	Yes	
Cutting	Straight or circular	Yes	Imagin Back-Painted must be cut through the paint side.
Edge processing	Edging	Yes	Imagin Back-Painted can be processed like conventional back-painted glass.
	Drilling	Yes	
	Notches	Yes	
Special processing	Sandblasting	Yes	Imagin Back-Painted can be sandblasted on the glass side.
Outdoor applications	-	No	

Other features	Your benefits	
Resistant to water, moisture and humidity	Yes	Imagin Back-Painted can be used for interior applications in humid and moist environments (bathrooms and kitchens), but cannot be submerged. Imagin Back-Painted must be protected from water infiltrating behind the glass (by applying a silicone seal).
Mechanical strength	Yes	Similar to patterned glass. Please make sure the paint is not scratched during processing and installation.



AGC's detailed processing and installation guides, along with its complete range of FIX-IN products and components, enable fitters to install and bond our back-painted glass products perfectly in interior applications.

All technical documents can be downloaded from www.agc-yourglass.com.
FIX-IN products can be ordered online from www.agc-store.com.

AGC provides technical support for glass processors via its dedicated Technical Advisory Service (TAS). Please make sure to carefully read the Imagin Processing Guide which details all the steps that must be followed to ensure correct processing and handling. The guide is available at www.agc-yourglass.com.



AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

AGC Glass Europe, a European leader in flat glass Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and other industrial sectors (transport, solar power and high-tech). It is the European branch of AGC, a world leader in flat glass. It has over 100 sites throughout Europe. More information on www.agc-yourglass.com.

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