

ARTLITE DIGITAL®



GLASS UNLIMITED

FUNCTIONAL PATTERNS  
BY ALAIN BERTEAU

# ARTLITE DIGITAL®

Glass is a key element in architectural design, offering multiple benefits and functions for interior and exterior applications. Available in a wealth of colours and transparencies, and offering solar control and light reflection, glass can be used to create startling contrasts and stunning harmonies. As a functional yet appealing material, glass is an inexhaustible source of innovation and is increasingly popular in decorative applications for both interiors and facades.

Artlite Digital is the latest addition to AGC Glass Europe's\* range of decorative brands. Artlite Digital is a toughened glass on which a wide range of colours, portraits, landscapes and more can be printed. With its broad palette of colours and varying levels of opacity, countless applications are possible.

One side of Artlite Digital features permanent decorative designs created with a digital printing process that applies enamel to the glass. The quality of the manufacturing process and the type of enamels used ensure that the colours remain stable for many years.

AGC Glass Europe is pleased to announce the launch of Functional Patterns, a special Artlite Digital collection designed by renowned Belgian designer Alain Berteau.



Glass Farm - Schijndel - The Netherlands - Photo: Ferry Vloet

\*AGC Glass Europe produces, processes and distributes flat glass for the construction (external glazing and interior decorative glass), the automotive (original & replacement glass) and the solar sectors. It is the European branch of AGC Glass, the world's largest producer of flat glass.

# ARTLITE DIGITAL®

Our challenge over the years has been to respond to new expectations and requirements in the domain of decorative façade glass. Whether the matter at hand is the stability of its glass, the glass flexibility or (above all) the glass appearance, AGC Glass Europe always stays up-to-date with current trends and anticipates future developments. To this end we developed Artlite Digital, a process involving printing on glass by depositing enamel-based ink. With designs, images and landscapes, everyone can let their imagination run wild, as the possibilities provided by printing on glass are almost limitless.

Unlike the silk-screen printing process, Artlite Digital does not require screens. This makes it ideal for producing glass with a series of different designs or for limited production batches. This makes the implementation process easier and shortens delivery times.

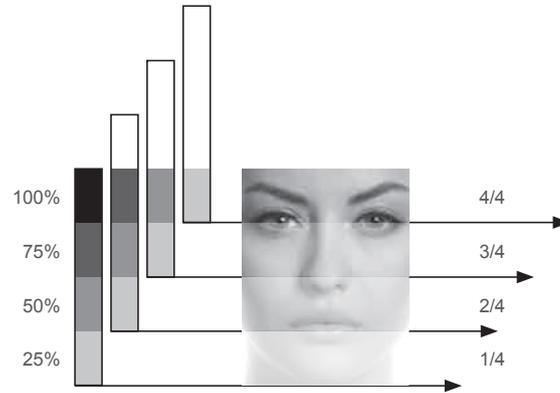


Artlite digital - You choose the transparency

## OPACITY

Artlite Digital is available in different levels of transparency, enabling a wide range of colours to be combined harmoniously and leaving you free to choose between transparent and opaque solutions.

Artlite Digital can be obtained by printing a succession of layers. Where appropriate it can then be covered with an enamelled layer of Colorbel. (Heat-treated enamelled glass used in spandrels.)



## DIMENSIONS

Thickness of the glass: between 4 and 19 mm

Maximum dimensions (base x height): 2,400 mm x 3,700 mm\*

Minimum dimensions (base x height): 300 x 120 mm

For a detailed description of the conditions regarding application, please see the product data sheet ('Infosheet') on [www.yourglass.com](http://www.yourglass.com) (Artlite brand).

\* This dimension depends on the type of glass and the colour of the enamel.

## ORDERS

All Artlite Digital printing can be done using pictures in .tif or .jpg format. To ensure the best possible result, the picture must have a minimum definition of 150 dpi in the final dimensions. For symbols, colour ranges, logos or text, the required formats are .ai, .eps and .bmp.

To optimise the rendering, AGC produces the digital model. Files can be sent to the following address: [artlitedigital@eu.agc.com](mailto:artlitedigital@eu.agc.com).

## OUR ARTLITE RANGE

	Artlite Digital	Silk-screen printed Artlite
Printing	Digital process	Silk screen-printing process
Possible colours	All colour types	All colour types (two-tone designs)
Designs/images	Any image	Limited range of standard designs but a wide variety of personalised designs
Production	In series and different dimensions	In series
Quantities	Small to large	Medium to large

# FUNCTIONAL PATTERNS

by ALAIN BERTEAU

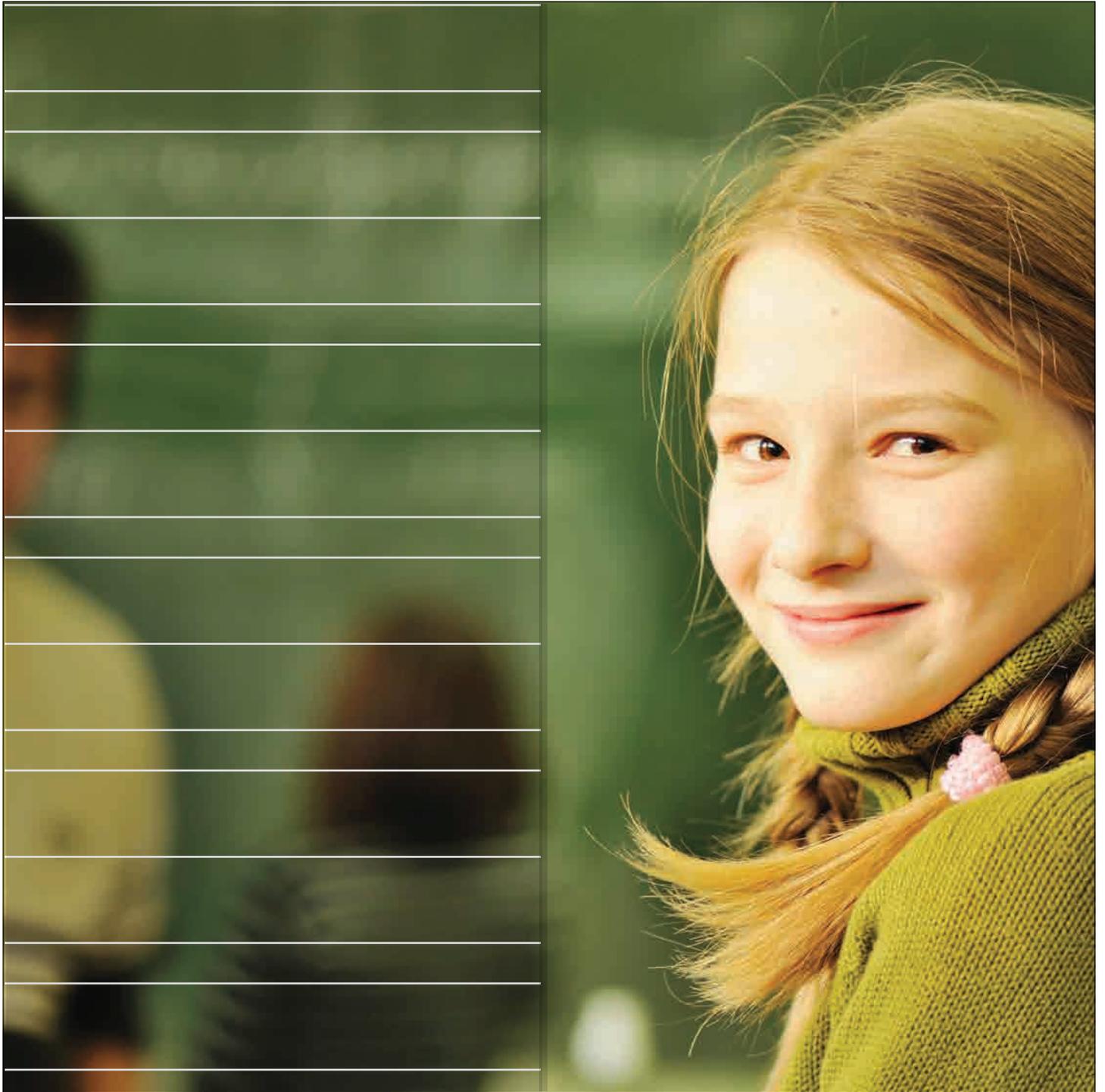
Award-winning architect and designer Alain Berteau is well known for his fresh, innovative approach. In his work he renews and upgrades traditional elements, showing us how versatile simplicity can be.

Alain Berteau's Functional Patterns harnesses AGC's Arlite Digital technology to push back the boundaries of printed glass products.

This new collection of infinitely generative patterns goes beyond the traditional decorative uses of glass, combining multiple functions with discreet, elegant decors. The glass can be used as a surface to write on. Patterns can be combined to create a greater or lesser degree of privacy. Mesh patterns give the impression of depth. Textures can be created to match other natural materials. The potential is enormous.

Whether used on single glazing, double glazing or in combination with other AGC products, the Functional Patterns collection offers limitless combinations of smart and powerful applications.

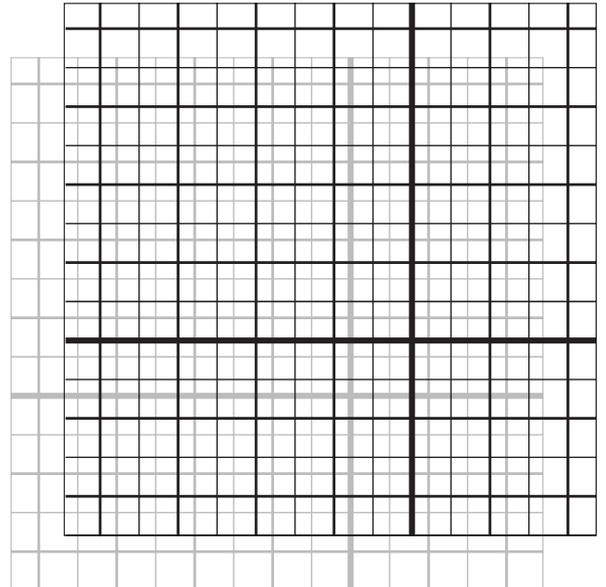




## PATTERN 001 - NOTES



## PATTERN 002 - CENTIMETERS

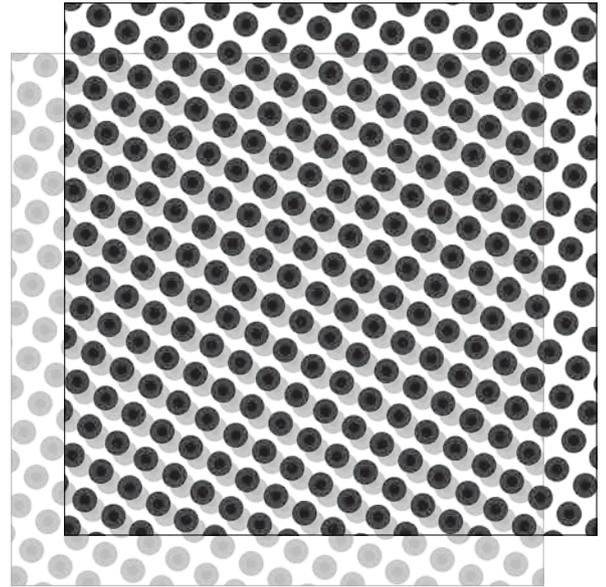


Carefully designed grids, both decorative and functional, can be used as a surface on which to write, measure or cut. The ideal blackboard or whiteboard when combined with other types of AGC glass, such as Lacobel and Matelux.

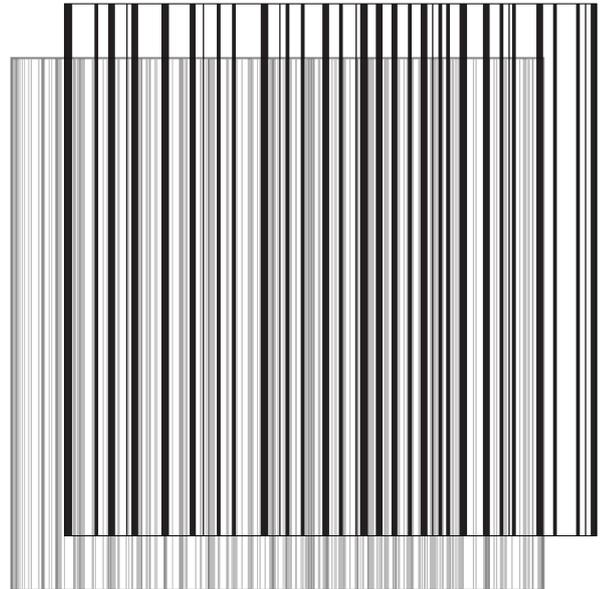
*Applications:* furniture, laboratories, workshops, schools, lecture rooms, design studios, etc.



## PATTERN 003 - DOTS

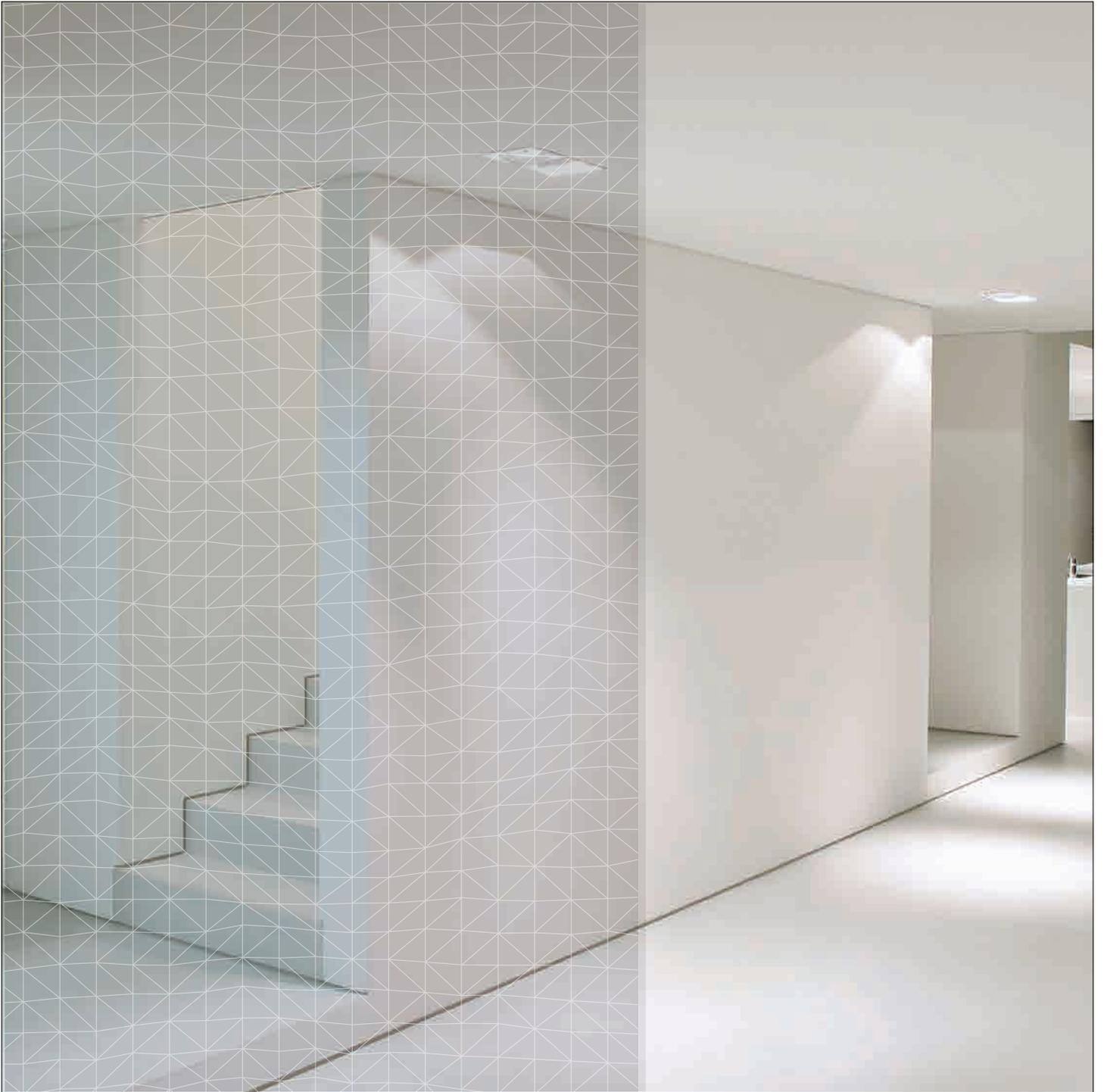


## PATTERN 004 - STRIPES

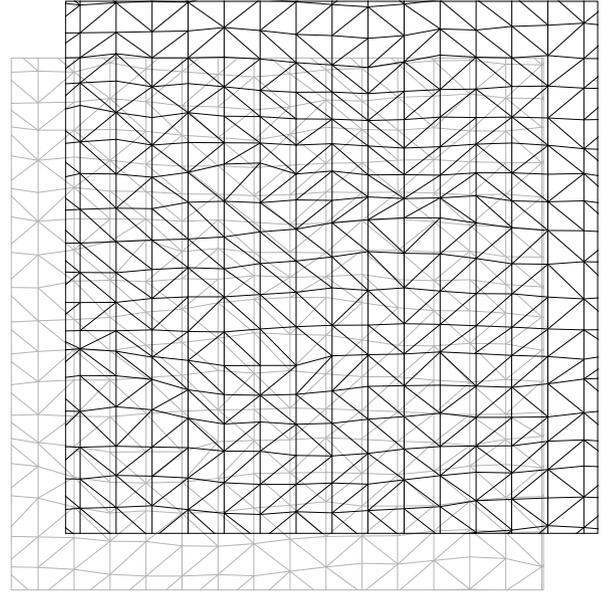


Optical patterns with well-balanced levels of opacity and transparency to provide the desired level of privacy. Using double glazing creates a dynamic moiré effect.

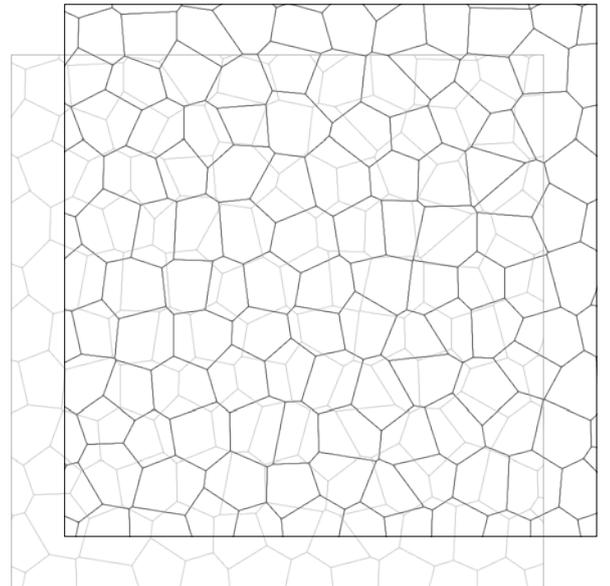
*Applications:* meeting rooms, partition walls, waiting areas, facades and all residential use.



## PATTERN 005 - WIREFRAME



## PATTERN 006 - NET

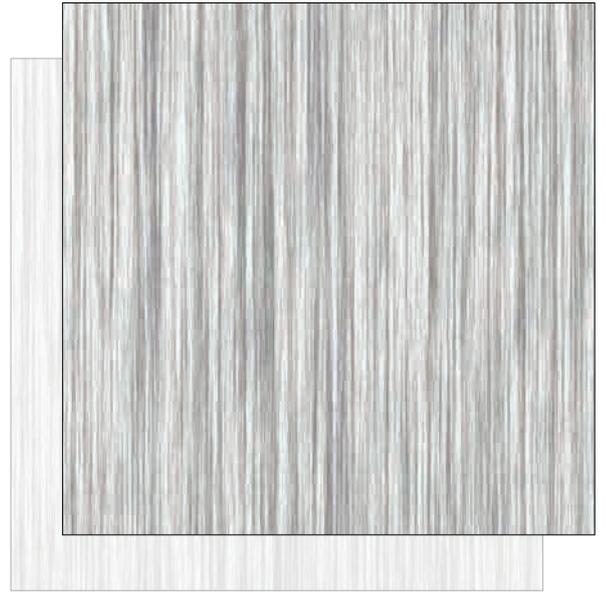


The sharp yet organic look of these patterns adds a fascinating and delicate depth or gives an embossed impression. Using double glazing increases that perception.

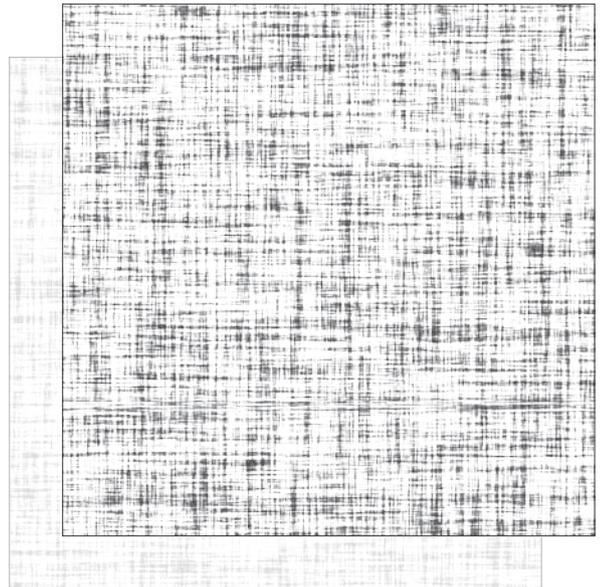
*Applications:* all residential and public uses.



## PATTERN 007 - FIBERS



## PATTERN 008 - TEXTILE



These generative patterns are not only discreet and evocative, they also add a touch of warmth to any glass panel, while combining pleasantly with other natural materials such as stone, wood and fabrics.

*Applications:* cabinetmaking, furniture, partition walls, public and residential spaces.



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[www.yourglass.com](http://www.yourglass.com)

GLASS UNLIMITED

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