

ARTLITE DIGITAL

AGC

GLASS UNLIMITED

Digitally printed decorative glass

Artlite Digital glass features one surface covered with permanent decorative designs. The designs are created by depositing enamel on the glass using a digital printing process. Artlite Digital enables countless custom design options, including images, drawings, logos and letterings.

Create your own design on glass

What's so special about it?

What does this mean for you?

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|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unlimited Design | – You can produce photos, drawings, logos and lettering on different sized glass and specify any colour you want |
| | – You can opt to print your own custom design or an AGC design from the <i>Functional Patterns</i> or <i>Decorative Patterns</i> collections |
| | – An image can be divided into sections like a puzzle and then put back together by placing digital printed glass side by side |
| Adjustable transparency level | – Artlite Digital is produced by printing a succession of layers, allowing you to choose the level of transparency (from transparent to completely opaque) according to your needs |
| Small or large production runs | – The digital printing process is very flexible, making it the ideal solution for producing glass with series of different designs or limited production runs |
| High durability | – The colour of the high-quality enamel retains its bright appearance over time thanks to the heat treatment applied to the glass, making the image resistant to moisture, abrasion and UV radiation |
| Toughened safety glass | – Excellent mechanical strength, ensuring superb protection for people and property |

Processing options

- Insulating Glazing
- Laminated Safety Glass

Standard Artlite Digital is a Toughened Safety Glazing [EN 12150]. Upon request, it can be produced in Heat Strengthened [EN 1863] or Heat Soaked Toughened Safety Glass [EN 14179] versions.

Artlite Digital can also be assembled in Thermobel Insulating Glazing (delivering optimal thermal comfort year-round) or in Stratobel Laminated Safety Glass.

Other features:

All Artlite Digital printing can be based on images with a resolution of at least 150 dpi in .tif or .jpg format. For symbols, colour ranges, logos and text, the required formats are .ai, .eps and .bmp*.

*AGC produces a digital model in order to optimise rendering.
Files can be sent to the following address: artlitedigital@eu.agc.com.

Applications

- Facade design: curtain walls, structural glazing, balustrades, spandrels, etc.
- Protection from solar radiation: external blinds, louvres, canopies, etc.
- Interior design: partitions, doors, banisters, balustrades, flooring, etc.
- Privacy (different levels of opacity)
- Furniture

Availability

Artlite Digital is available on various glass substrates and in thicknesses ranging from 4 to 19 mm.

- Minimum dimensions (base x height): 300 x 120 mm
- Maximum dimensions (base x height): 2400 mm x 3700 mm*

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

AGC GLASS EUROPE, A LEADER IN FLAT GLASS

AGC Glass Europe is the European branch of AGC, the world's leading flat glass producer. Its baseline, Glass Unlimited, reflects its core assets: innovative strength in advanced glass technologies, a global sales network and an industrial presence stretching from Spain to Russia. AGC Glass Europe has representatives worldwide.