

FRAMING GLASS

Description

Framing glass is clear glass for picture frames that can be used to reduce the negative effect of light reflection. Anti-glare glass delivers excellent reproduction of contrasts and colours.



Applications

- picture framing

Pattern availability

Standard	
Thickness (mm)	Dimensions* (length x width in mm)
2	2130 x 1560
	2540 x 1560

* maximum dimensions 3350 x 1560 mm

Pattern description

Direction	Dimensions of pattern element	Relief	Longitudinal pattern deviation	Crosswise pattern deviation
No	—	—	—	—

Special information

Perfect solution for picture framing due to optimal *Gloss*, *Haze* and *Clarity* parameters*. Excellent rendering of contrasts and colours. Easy to cut and clean.

* *Gloss* value represents antiglare effect of the surface treatment measured in light reflection. The lower gloss – the higher antiglare effect. The factors that affect gloss are the refractive index of the material, the angle of incident light and the surface topography.

Haze and Clarity are representatives of translucent appearance, a „milky“ appearance of glass.

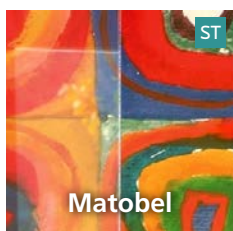
Haze value gives the percentage of scattered light through the glass measured in wide angle scattering.

Clarity values gives the percentage of scattered light through the glass seen in narrow angle scattering.

Unlike Haze, Clarity is distance dependent. The greater the distance between the specimen and the observed object behind, the worse the Clarity effect. The lower Haze - the less milky looks picture behind glass. The higher clarity – the brighter appearance of a picture behind glass.

Similar products within AGC range

Matobel – glass treated with an anti-glare coating on one side available in standard thickness of 1.9 mm.



ST Standard product

Processability and thickness tolerance

Thickness (mm)	Thickness tolerance	Tempering	Lamination	IGU
2	from 1.85 up to 2.1	×	×	×

Physical properties

Characteristic	Symbol	Value and unit
Density	ρ	2500 kg/m ³
Young's modulus	E	7 × 10 ¹⁰ Pa
Poisson's ratio	μ	0.2
Specific heat capacity	c_p	0.72 × 10 ³ J/(kg.K)
Coefficient of linear expansion (20-300 °C)	α	9 × 10 ⁻⁶ /K
Thermal conductivity	λ	1 W/(m.K)
Emissivity	ε	0.89

Performances

Relevant health and environmental legislation can be found on the AGC website: www.agc-yourglass.com.

	2 mm
Gloss 60° *	Surface 1: 80 ± 15 G.U. Surface 2: 90 ± 15 G.U.
Haze **	≅ 10
Clarity	≅ 43
U-value (EN 673)	5.79
Light transmission / Reflection (EN 410): τ_v / ρ_v	91/8.1
Solar transmission / Reflection (EN 410): τ_e / ρ_e	89/7.8
Solar Factor: g	90
Colour Rendering (EN 410): Ra	99.2
UV Transmission (EN 410)	78

*Gloss at 60° as measured by micro-Tri-gloss (BYK-Gardner Instruments).

**Surfaces have slightly different antiglare effect. It allows to choose surface ensuring better appearance of framed picture in an installation.

**Haze and Clarity as measured by Haze-guard device from BYK-Gardner Instruments.

All related documents, such as processing guides, cleaning instructions, the complete product catalogue and CE markings can be found at www.agc-yourglass.com.

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