

# Planibel Coloured



Private house - Hungary - Designer of sliding doors: Alu-Style Kft - Planibel Bronze

## ▼ DESCRIPTION

- > The AGC Planibel Coloured range comprises body-tinted glass which can be used for solar control, decorative, industrial and other applications
- > It can be processed in any way for use in numerous sectors, including construction, decoration, automotive, etc.
- > Various colours available (Green, Grey, Bronze, Azur, Private Blue, Dark Blue, Dark Grey)
- > Coloured glass can deliver medium levels of solar control
- > Assembled with low-e glass in insulating glazing units, it can furthermore provide thermal insulation performances
- > Uses: single glazing, insulating glazing, laminated glass, thermally toughened glass, enamelled glass.

## ▼ BENEFITS

- > Can be processed in many different ways: lamination, thermal treatment, bending, etc.
- > Wide range of colours, including a unique range of blue colours. Mainly used in facades and interiors
- > Low level of light reflection
- > Medium level of solar control
- > All Planibel products are Cradle to Cradle Certified™ Silver.



## ▼ COMMENTS

- > High level of energy absorption. We advise ascertaining whether the glass should be toughened
- > Planibel coloured is a body-tinted glass. To secure perfect colour uniformity on the facade, we advise against mixing Planibel coloured glass of various thicknesses since the appearance will be different
- > The thicker the Planibel glass, the darker the colour.

## ▼ PERFORMANCE AND COLOUR RANGE

Planibel	Light properties		Energy properties			U <sub>g</sub> -value W/(m <sup>2</sup> K)
	LT(%)	LR(%)	Tot EA(%)	SF(%)	SC	
<b>6 mm Planibel</b>						
Green	73	7	51	56	0.64	5.7
Bronze	51	6	45	61	0.70	5.7
Grey	44	5	49	58	0.67	5.7
Azur	73	7	45	60	0.69	5.7
PrivaBlue	35	5	75	38	0.44	5.7
Dark Blue	58	6	54	53	0.61	5.7
Dark Grey	8	4	88	29	0.33	5.7
<b>6 mm Planibel Coloured glass - 16 - 4 mm Planibel Clear<sup>(1)</sup></b>						
Green	66	11	54	46	0.53	2.7
Bronze	46	8	50	51	0.59	2.7
Grey	40	7	53	47	0.54	2.7
Azur	66	11	49	50	0.57	2.7
PrivaBlue	31	6	77	27	0.31	2.7
Dark Blue	52	9	57	43	0.49	2.7
Dark Grey	7	5	89	25	0.29	2.7

(1) Identical values for a 15 or 16 mm spacer.

## ▼ STANDARD SIZE AND THICKNESSES (mm)

Planibel Coloured products are available in a wide range of standard sizes and thicknesses.

*See the AGC Product Catalogue on [www.yourglass.com](http://www.yourglass.com) for more details.*

Other specific non-standard dimensions and thicknesses are available on request with a minimum quantity order.

## ▼ PROCESSING OPTIONS

Heat-treatment		
Thermally toughened or heat-strengthened		Yes
Silk-screen printing and enamelling		Yes
Bending		Yes
Laminated glass		
PVB		Yes - For assemblies with safety PVB, see Stratobel - For assemblies with acoustic safety PVB, see Stratophone - For assemblies with decorative safety PVB or with EVA, see Decorative laminated glass
EVA		

## ▼ USES

Monolithic glass		Yes
Insulating glass		Yes
Low-emissivity insulating glass		Yes – with low-e coating in #3 & #5 (for triple glazing)

## ▼ APPLICATIONS

Interior	Yes
Exterior	Yes