

# Planibel Coloured

the range of AGC tinted float glasses



You have printed

Green, PrivaBlue, Dark Blue, Grey, Bronze, Azur, Dark Grey



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## Body-tinted base glasses

- Benchmark coloured glasses that can be processed in all ways, for use in numerous sectors, including the construction, decoration, automotive and high tech industries
- Planibel Coloured body-tinted base glasses are made using the 'float' process: the sides of the glass are perfectly flat and parallel
- Basic solar control
- Base glass to which coatings are applied

Application: single glazing - insulating glazing - laminated glass - toughened glass - enamelled glass

## Benefits

- Can be processed in a variety of different ways
- Wide range of blue colours-unique worldwide. Planibel Coloured body-tinted base glasses are mainly used in façades in regions with considerable sun and in interior applications
- Low level of light reflection
- High solar factor

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## Green

Prized for its green colour, the intensity of which varies according to the thickness of the glass

Multiple applications in the construction sector



## Performances

### Green

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
10	63	6	64	46	0.53	5.6
4	79	7	39	64	0.74	5.8
4 - 12 Air - 4	71	12	43	54	0.62	2.9
4 - 12 Air -  4	69	11	51	44	0.51	1.6
4 - 15 Air -  4	69	11	51	44	0.51	1.4
4 - 15 Ar -  4	69	11	51	44	0.51	1.1
4 - 15 Ar -  4	70	11	49	47	0.54	1.2
6	73	7	51	56	0.64	5.7
6 - 12 Air - 6	65	11	55	46	0.53	2.8
6 - 16 Air - 4	66	11	54	46	0.53	2.7
8	68	6	58	51	0.59	5.6

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### PrivaBlue

Prized for its pronounced blue colour , the most intense blue in the Planibel range

Mainly used in façades in areas with lots of sunshine or in interior applications



## Performances

### PrivaBlue

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
6	35	5	75	38	0.44	5.7
6 - 15 Ar -  6	30	6	80	20	0.23	1.1
6 - 16 Air - 4	31	6	77	27	0.31	2.7



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## Dark Blue

Prized for its dark blue appearance.  
Provides a high level of solar control.  
Multiple applications in the construction sector



## Performances

### Dark Blue

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
6	58	6	54	53	0.61	5.7
6 - 16 Air - 4	52	9	57	43	0.49	2.7
8	50	5	62	47	0.54	5.6

# Planibel Coloured

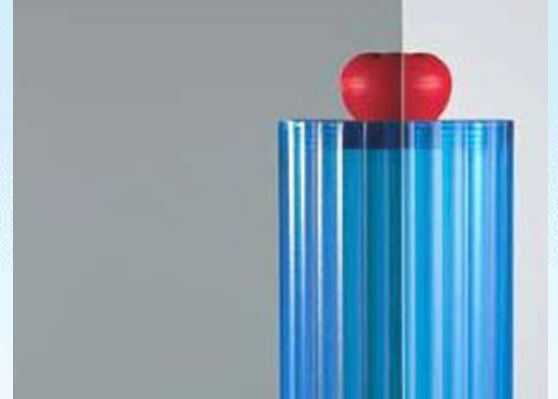
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## Grey

Prized for its grey colour, the intensity of which varies according to the thickness of the glass

Multiple applications in the construction sector



## Performances

### Grey

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
10	27	5	65	45	0.52	5.6
12	21	5	71	41	0.47	5.5
4	57	6	36	67	0.77	5.8
4 - 12 Air - 4	51	8	42	57	0.66	2.9
5	50	5	42	62	0.71	5.7
6	44	5	49	58	0.67	5.7
6 - 12 Air - 6	39	7	55	47	0.54	2.8
6 - 16 Air - 4	40	7	53	47	0.54	2.7
8	34	5	58	51	0.59	5.6

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## Bronze

Prized for its bronze colour, the intensity of which varies according to the thickness of the glass

Multiple applications in the construction sector



## Performances

### Bronze

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
10	34	5	61	49	0.56	5.6
4	62	6	33	69	0.79	5.8
4 - 12 Air - 4	56	9	38	59	0.68	2.9
5	56	6	38	65	0.75	5.7
6	51	6	45	61	0.7	5.7
6 - 12 Air - 6	45	8	51	50	0.57	2.8
6 - 16 Air - 4	46	8	50	51	0.59	2.7
8	41	5	53	54	0.62	5.6

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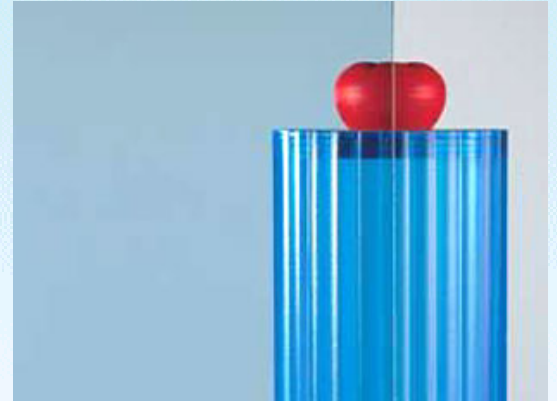


## Azur

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Prized for its blue tint, the intensity of which varies according to the thickness of the glass, and for its selectivity: high light transmission combined with a low solar factor

Multiple applications: façades, atriums, etc.



## Performances

### Azur

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
10	63	6	59	50	0.57	5.6
4 - 12 Air - 4	71	12	40	58	0.67	2.9
4 - 15 Ar -  4	70	11	45	50	0.57	1.2
4 - 15 Ar -  4	69	11	46	47	0.54	1.1
6	73	7	45	60	0.69	5.7
6 - 12 Air - 6	65	11	50	50	0.57	2.8
6 - 16 Air - 4	66	11	49	50	0.57	2.7
8	68	6	53	54	0.62	5.6



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## Dark Grey

Planibel Dark Grey is the only grey float available in Europe in high thickness.

With this new colour, we target furniture applications as well as commercial facades in tropical countries.



## Performances

### Dark Grey

Structure	Light properties (EN 410)		Energy Properties			Ug-Value W/(m².K)
	LT%	LR%	EA%	SF%	SC%	
10	2	4	94	24	0.28	5.6
4	18	4	78	36	0.41	5.8
4 - 15 Ar 90% - 4	17	5	80	24	0.28	2.6
6	8	4	88	29	0.33	5.7
8	4	4	92	25	0.29	5.6

The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT.

The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request.

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