

Planibel *Linea Azzurra*[®]

EXCLUSIVE THICK GLASS FOR ARCHITECTURAL,
INTERIOR DESIGN AND FURNITURE APPLICATIONS

Coming to us directly from
Glaverbel's site in Cuneo,
northern Italy, Planibel Linea
Azzurra float glass catches
the eye at the first glance.
Its sparkling purity and bluish
tint lend it a most original
appearance, evoking
the colour of the Italian
morning sky.





Table by Miroslav Indurkin, Belgium

Planibel *Linea Azzurra*[®]

Planibel Linea Azzurra thick float is glass at perfection, an ideal product for both architectural and interior applications.

Architects draw inspiration from it to create external applications of astonishing clarity, while designers view

it as a key material in creating a wide range of furniture (tables, armchairs, chairs, display cases and so on).

In addition to its unique purity and bluish hue, Planibel Linea Azzurra boasts other, unrivalled features, such as thicknesses ranging from 19 mm (the most common) to as high as 25 mm, making it amongst the thickest float glass on the market.

STRENGTHS

The know-how of Glaverbel Cuneo's experts combined with unique production techniques have been guaranteeing the consistent quality of Planibel Linea Azzurra for 12 years. This unique glass features:

- superb ease of cutting due to optimum tension within the glass

- unlimited shaping options (see table entitled "Processing Options")
- ease of toughening and bending (with an especially good bloom rating and thermal absorption level)
- a low level of discrete faults
- a total lack of roller marks, impurities or defects.

These remarkable characteristics make Planibel Linea Azzurra stand head and shoulders above would-be imitations based on cobalt additives.

PROCESSING, SHAPING AND ASSEMBLY OPTIONS*

Planibel Linea Azzurra

Painting
Sandblasting
Acid etching
Mirrors
UV bonding
Toughening
Bending
Off-line coating
Laminating
Decorative laminating
Enamelling
Crystal Guard protective coating
Silk-screen printing (toughened or non-toughened)
Grinding
- Conventional edge
- Polishing
- Brilliant polishing
Bevelling
Countersinking
Fingerpulls
Double glazing



Small table by Miodan Industries, Belgium

* Because conditions and methods of use of our Planibel Linea Azzurra outside the Glaverbel Group are beyond our control, Glaverbel disclaims any responsibility on Planibel Linea Azzurra transformed outside the Glaverbel Group.

STANDARD THICKNESSES AND SIZES*

Standard Thicknesses 8, 10, 12, 15, 19 and 25 mm	
PLF mm	DLF mm
4500 x 3210	2000 x 3210
5100 x 3210	2100 x 3210
6000 x 3210	2250 x 3210
	2400 x 3210
	2550 x 3210

Standard samples: 250 x 350 mm

* For other thicknesses and sizes, please contact Glaverbel.

MANUFACTURING TOLERANCES

Thicknesses	Thickness tolerance	Dimension tolerance
8 - 10 - 12 mm	+/- 0,3 mm	+/- 3 mm
15 mm	+/- 0,5 mm	+/- 4 mm
19 - 25 mm	+/- 1,0 mm	+/- 5 mm

GUARANTEE OF AUTHENTICITY

Genuine Planibel Linea Azzurra can be recognized by the affixed label in washable ink (as reproduced beside)

 **PLANIBEL LINEA AZZURRA®** 76841841

citing the production date. This label not only guarantees the high-quality origin of Planibel Linea Azzurra, but also enables us to offer highly efficient after-sales service.

PHOTOMETRIC AND ENERGY CHARACTERISTICS

Thick-nesses	Colour index RD 65	Light characteristics				Energy characteristics						American standards (with gas)		
		TL	Reflection		UV	DET	ER	EA	SF	Shading coeff. TOTAL*	U-value	U-value summer	U-value winter	RHG
			external	internal										
(mm)		%	%	%	%	%	%	%	%	(W/m ² K)	(W/m ² K)	(W/m ² K)	(W/m ²)	
8	96	87	8	8	50	72	7	21	77	0.89	5.7	5.83	6.08	604
10	95	86	8	8	47	68	7	25	75	0.86	5.6	5.80	6.00	586
12	94	85	8	8	43	65	6	29	72	0.83	5.5	5.77	5.92	566
15	93	83	7	7	40	61	6	33	69	0.79	5.5	5.71	5.80	542
19	91	81	7	7	36	55	6	39	65	0.75	5.3	5.61	5.65	514
25	89	78	7	7	31	49	6	45	60	0.69	5.2	5.47	5.44	480

LT Light transmission UV Ultraviolet transmission DET Direct energy transmission ER Energy reflection EA Energy absorption SF Solar factor U-value Energy loss coefficient

* Total shading coefficient = SF/0.87



Small table by Mirodin Industries, Belgium


Glaverbel



Fort Napoleon - Oostende - Belgium

GLAVERBEL CUNEO: LISTENING TO THE CUSTOMER

Glaverbel Cuneo's flexible organization means that it can offer customers a level of service that meets their most stringent requirements. In addition to our vast range of standard thicknesses and sizes, longer-term supply agreements can also be examined, making it possible to optimize cutting efficiency and ensure the continuity of a service that focuses squarely on the customer's specific needs. Please do not hesitate to contact Glaverbel for further details.

INTERNATIONAL QUALITY STANDARDS

Planibel Linea Azzurra complies with the following international quality standards:
EN 572-1 and EN 572-2 • ASTM C 1036-91 • BS 952 Part 1



Architect by Forti, Italy



Glaverbel

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