



IV.

BRANDS AND PRODUCTS

1. FLOAT

- 1.0 Introduction
- 1.1 Planibel Clear - Planibel Clearvision - Planibel Linea Azzurra

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INTRODUCTION

- > Planibel is a range of clear benchmark float glasses which can be processed in all manner of ways for use in numerous sectors such as the construction, decoration, automotive and high-tech industries
- > Made using the "float" process: the glass is perfectly flat and parallel
- > Transparency: high level of light transmission
- > Base glasses to which coatings are applied
- > 3 tints: clear, extra-clear and Linea Azzurra
- > Use: single glazing – insulating glazing – laminated glass – thermally toughened glass – enamelled glass – silk-screen printed glass – sandblasted glass – bent glass – and more.

Planibel float glasses are also available in a tinted version – see section on Planibel Coloured Solar Control. There are three types of float glasses in the Planibel range: Planibel Clear – Planibel Clearvision – Planibel Linea Azzurra.

The three types of Planibel float glass (Linea Azzurra – Clear – Clearvision)



PLANIBEL CLEAR – CLEAR-VISION – LINEA AZZURRA

Range of neutral float glasses

▼ DESCRIPTION

PLANIBEL CLEAR



- > Clear benchmark glass which can be processed in all manner of ways
- > All processing techniques can be used: insulating glazing, laminated glass, thermally toughened glass, enamelled glass, silk-screen printed glass, sandblasted glass, acid-etched glass, bent glass, etc.

PLANIBEL CLEARVISION



Petit Palais, Paris, France - Architect: Chaix & Morel - Planibel Extra Clear

- > Its low iron content gives this glass an extra-clear appearance (without the dominant green tint seen in ordinary glass), a very high light-transmission rating and a high level of energy transmission
- > All processing techniques can be used: insulating glazing, laminated glass, thermally toughened glass, enamelled glass, sandblasted glass, acid-etched glass, bent glass, etc.
- > Can be used in various decorative applications and in façades. Can be used in all applications where maximum solar gain is required and in photovoltaic applications.

PLANIBEL LINEA AZZURRA



Triomphe, Brussels, Belgium - Architect: Samyn & Partners, Jacques Baudon de Architecture & Urbanisme - Planibel Linea Azzurra, Stopray Elite

- > Clear glass available in large thicknesses and featuring a blue tint
- > Ideal for use in large glazed areas and for high-quality furniture and decoration
- > The high quality of glass makes processing easy – particularly cutting and bending.

▼ PERFORMANCE

Planibel	Composition (mm)	Light properties		Energy properties			U _g -value W/(m ² .K)
		LT(%)	LR(%)	Tot EA(%)	SF(%)	SC	
Clear	3	90	8	6	88	1.01	5.8
	4	90	8	8	87	1.00	5.8
	5	89	8	10	85	0.98	5.8
	6	89	8	12	84	0.97	5.7
	8	88	8	15	82	0.94	5.7
	10	87	8	18	80	0.92	5.6
	12	86	8	21	78	0.90	5.6
Clearvision	4	92	8	1	91	1.05	5.8
	5	91	8	2	91	1.05	5.8
	6	91	8	2	90	1.03	5.7
	8	91	8	3	90	1.03	5.7
	10	91	8	3	90	1.03	5.6
Linea Azzurra	8	87	8	20	78	0.90	5.7
	10	86	8	24	75	0.86	5.6
	12	85	8	28	73	0.84	5.6
	15	83	8	33	70	0.80	5.5
	19	81	7	38	66	0.76	5.4
	25	78	7	44	61	0.70	5.2

▼ APPLICATIONS

Interior	Yes – all furniture and partition applications
Exterior	Yes

▼ STANDARD THICKNESSES (mm)

	3	4	5	6	8	10	12	15	19	25
Clear	✓	✓	✓	✓	✓	✓	✓			
Linea Azzurra					✓	✓	✓	✓	✓	✓
Clearvision	✓	✓	✓	✓	✓*	✓*	✓*			

* On request.

Note: Planibel Clear is also available in very low thicknesses up to 0.5 mm.