



IV.

BRANDS AND PRODUCTS

1. FLOAT

1.0	Introduction	170
1.1	Planibel Clear - Planibel Clearvision - Planibel Linea Azzurra	171

FLOAT – 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



- > 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



- > 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
Linea Azzurra	10	91	8	3	90	1.03	5.6
	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.