

2009

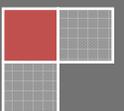
PRODUCT CATALOGUE

BUILDING GLASS:

VitalFLOAT®	Clear Float Glass
VitalFLOAT®	Ultra Clear Float Glass
VitalFLOAT®	Clear Laminated Glass
VitalFLOAT®	Tinted Glass
VitalFLOAT®	Silver Mirror
VitalFLOAT®	Reflective Glass



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BUILDING GLASS:



VitalFLOAT® - Clear Float Glass

VitalFLOAT® Clear Float glass is made by high-quality sand, natural ores and chemical materials by mixing them and melting them at high temperature; The molten glass flow into tin bath where the float glass is spread, polished and formed on the molten tin. The float glass has smooth surface, excellent optical performance, stable chemical capability, and high mechanism intensity. It is also resistant to acid, alkali and corrosion.

Features:

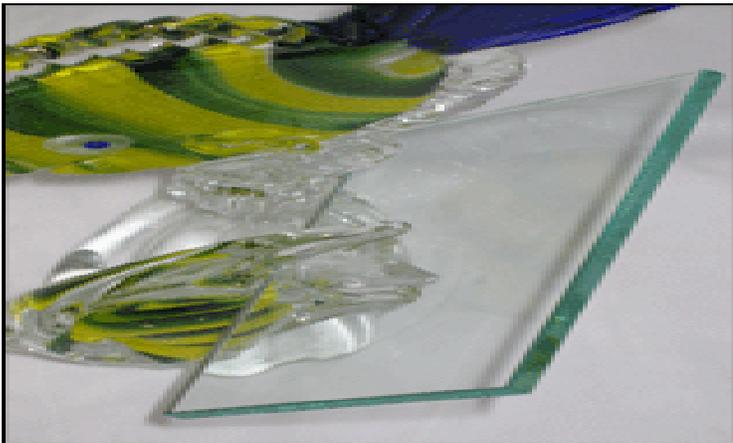
- 1) Light transmittance >88%.
- 2) The thickness tolerance is controlled within $\pm 0.08\text{mm}$.
- 3) Tolerance for glass in final cut sizes is controlled within $\pm 1\text{mm}$.
- 4) The visible flaw is controlled strictly.

Standard:

Comply with Europe EN 572

Sizes:

3mm to 25mm



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BUILDING GLASS:



VitalFLOAT® - Ultra Clear Float Glass

FEATURES:

VitalFLOAT® Ultra-clear glass is also named lower iron glass. Normally it is a kind of plant glass with highly clear, highly transmissive, highly smooth. And it is a new type of deeply processed glass as well as advanced structural glass with environment protection, economic on energy. The glass is a lower iron float glass and be made by a special process. It is not like the clear float glass to sight like green, it looks just like colorless crystal, highly transmissive. It is highly used in all kinds of construction and decorations and the counter and display window exhibited by top-grade valuable products. The ultra-clear glass can be cut, holed and side-rubbed, and also can be tempered, laminated heat bended and so on. Besides it also can be coated, printed and figured on the surface.

Application:

- 1) Interior and exterior decoration: Its unique highly transmission gives the buildings the natural and clear artistic effect, which highly conforms to the modern style.
- 2) Display counter and window: is used for the counter and display window in The museum, exhibition center, jewel shop, and give people a more real color of the display goods.
- 3) The day lighting ceiling of the greenhouse: It makes room get sufficient natural bright illuminations and have beautiful vision experience at the same time.
- 4) Top-grade glass furniture, crystal goods: is crystal-clear, graceful and beautiful just like colorless crystal, give people the extremely good vision result.
- 5) Glass for automobile industry.

Specification:

Thickness: 3-25mm

Size: standard 1830x2440mm, 2134x3300mm etc.

Max. size: 3660x8000mm,



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BUILDING GLASS:



VitalFLOAT® - Clear Laminated Glass

VitalFLOAT® Clear Laminated glass is formed as a sandwich of 2 sheets of glass which are bonded together with a transparent or tinted PVB interlayer under heat and pressure. It is made by superior quality adhesive interlayer and advanced bond technology.

Features:

- 1) Extremely high safety: The PVB interlayer withstands penetration from impact. Even if the glass cracks, splinters will adhere to the interlayer and not scatter. In comparison with other kinds of glass, laminated glass has much higher strength to resist shock, burglary, burst and bullets.
- 2) Energy-saving building materials: PVB interlayer impedes the transmission of solar heat and reduces cooling loads.
- 3) Create aesthetic sense to buildings: Laminated glass with a tinted interlayer will beautify the buildings and harmonize their appearances with surrounding views which meet the demand of architects.
- 4) Sound control: PVB interlayer is an effective absorber of sound.
- 5) Ultraviolet screening: The interlayer filters out ultraviolet rays and prevents the furniture and curtains from fading effect

Specification:

Thickness: 3+0.38+3mm (6.38mm), 4+0.38+4mm (8.38mm), 5+0.38+5mm (10.38mm), 6+0.76+6mm (12.76mm) etc, could be produced as per request.

Sizes: 1830x2440mm, 2134x3300mm, could be produced as per request.

PVB Color: Clear, Green, Blue, Grey, Milk white etc.



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BUILDING GLASS:



VitalFLOAT® - Tinted Glass

VitalFLOAT® Tinted Glass has complete range of natural colors, providing various degrees of solar control and energy saving for modern buildings.

Features:

- 1) VitalFLOAT® tinted float glass can reduce transmission of the sun's harmful rays by up to 80% thus minimizing fading to interior furnishings.
- 2) VitalFLOAT® tinted glass can be bent tempered or heat strengthened and in addition can be silk-screened or enameled.
- 3) The comprehensive range of soft natural colors compliments and harmonizes with modern building materials to provide an exciting and different look to new or existing buildings.

Specification:

Colors: French Green, Dark green, Ocean Blue, Dark blue, Ford blue, Dark grey, Euro grey, Yellow, Bronze etc.

Thickness: 3mm-10mm

Sizes: 1500x2000mm, 1524x2134mm, 2134x3050mm, 2140x3210mm, 2250x3210mm, etc



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BUILDING GLASS:



VitalFLOAT® - Mirror (Silver & Aluminium)

VitalFLOAT® High quality clear float and modern mirror equipment combine to produce nice feeling mirrors of exceptionally high quality.

Features:

Mirrors are available in either silver or aluminum suits all atmospheric conditions. The mirror surface is clear and bright, giving distinct and lifelike image. The plating layer is rigid and bond and the protective layer impregnable with good erosion-resistance.

Specification:

Colors: Clear, dark blue, dark green and grey etc.

Thickness: 2 mm, 3 mm, 4 mm, 5 mm and 6 mm.

Size: 1220x2440mm, 2134x1524mm,
2134x1830mm 2440x1830mm.



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BUILDING GLASS:



VitalFLOAT® - Reflective Glass

VitalFLOAT® on-line coated reflective float glass is produced by using CVD technology (chemical vapor deposition) that creates a perfect uniform layer of metal oxide chemically bonded to the surface of the glass. As this hard chemical layer is fully bonded to the glass, the glass can be cut, bent, tempered, heat strengthened and laminated without affecting the coating.

Features:

- 1) High visible light transmitting rate, low reflecting rate, low radiating rate ($e < 0.1$).
- 2) Avoid the light pollution and build good ecological environment.
- 3) Control solar energy radiation effectively, block far infrared radiation, save expenses of air conditioners in summer, save heating expenses in winter, have good effect of heat preservation and energy saving.

Specification:

Color: Dark blue, Light blue, Ocean blue, Dark green, French green, Dark grey, Euro grey, Bronze, Pink, and Clear etc.

Thickness: 3mm-10mm.

Sizes: 1524X2134mm, 2134X3050mm, 2140X3210mm, 2250X3210mm, etc.



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