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Tinted Float Glass



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Description

Using tinted float glass in interior design has a long history. In the past, architectures used to apply tinted float glass with doors and windows in desert regions to create a colorful environment and avoid severe sunlight passing into the room. Today, tinted glass may be used for interior design and also façade of the buildings. Tinted glass panes are used to combine natural and artificial lights together in different periods of time to illustrate a desirable combination of colors depending on the applications.

Features

Tinted float glass significantly affects light and energy delivery by avoiding long wave emissions and also visible light to pass through.

Applications

Tinted float glass can be used to produce laminated glass, tempered glass, double-glazed glass, mirror, etc. It is applied for decorations, windows, glass doors, elevator doors, ceiling skylights, balcony, tables, office shelves and partitions, curtain walls and façades for commercial and residential buildings, hotels, shopping centers, subway stations, airport and other public places. Tinted glass is delivered in a variety of colors and sizes which can be used according to its application and desired color for the space being used.

Quality Standards

Top quality glass complies with CE / BS EN 572(Europe standard) and ISI mark as per indian standard.

Specifications

Thickness	3, 4, 5, 5.5, 6, 8, 10 mm
size	3210x6000mm, 3210x5000mm, 3210x4500mm, 3210x2500mm, 3210x2250mm 3210x2000mm, 2500x1605mm, 2250x1605mm, 2000x1605mm
Color	Bronze, Blue, Light Green, Grey, Copper

Performances (EN 572-1) 4mm Tinted Float Glass								
Color	G- value	U-Value w/m²k	UV transmittance %	Solar direct transmittance % Te	Visible light transmittance % tVC	Visible light reflectance % pv	Solar direct reflectance % pe	SC
Bronze	0.66	5.80	19.28	56.73	58.84	5.62	5.42	0.76
Gray	0.54	5.80	15.02	39.78	41.23	4.84	4.81	0.62
Blue	0.74	5.80	56.69	67.91	58.92	5.68	6.21	0.85
Green	0.70	5.80	39.55	61.78	71.90	6.58	5.78	0.80
Copper	0.79	5.80	28.95	72.13	72.95	6.67	6.76	0.91